Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022223\
Data File : BP013870.D
Acq On : 22 Feb 2023 10:42
Operator : CG/JU
Sample : 01378-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT1-2023-02

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/28/2023

Quant Time: Feb 23 03:15:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 22 01:41:33 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	188848	20.000	ng/ul	0.00
20) Naphthalene-d8	10.928	136	862069	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.740	164	573339	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.498	188	1405706	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	1346349	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	1328922	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	19654	4.314	ng/uL	0.00
4) Pyridine-d5	3.887	84	168319	12.461	ng/ul	0.00
7) Phenol-d5	7.252	99	312815	18.591	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.422	67	177704	18.023	ng/ul	0.00
11) 2-Chlorophenol-d4	7.628	132	230889	18.641	ng/ul	0.00
15) 4-Methylphenol-d8	8.810	113	249450	18.138	ng/ul	0.00
21) Nitrobenzene-d5	9.275	128	118972	19.835	ng/ul	0.00
24) 2-Nitrophenol-d4	10.005	143	140196	20.244	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	270200	19.145	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	349868	17.489	ng/ul	0.00
46) Dimethylphthalate-d6	14.140	166	894875	19.817	ng/ul	0.00
49) Acenaphthylene-d8	14.434	160	982808	20.106	ng/ul	0.00
54) 4-Nitrophenol-d4	14.922	143	135635	16.860	ng/ul	0.00
60) Fluorene-d10	15.734	176	723932	18.821	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.845	200	150227	17.420	ng/ul	0.00
73) Anthracene-d10	17.592	188	1117152	17.380	ng/ul	0.00
81) Pyrene-d10	19.810	212	1382928	18.113	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	1268848	19.055	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.493	88	6681m	1.366	ng/uL	
5) Pyridine	3.911	79	67540	5.059	ng/ul#	85
6) Benzaldehyde	7.234	77	38927	5.130	ng/ul	97
8) Phenol	7.275	94	74416	4.308	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.516	93	57083	4.124	ng/ul	98
12) 2-Chlorophenol	7.663	128	54520	4.290	ng/ul	98
13) 2-Methylphenol	8.540	108	50512	3.831	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.634	45	59957	3.808	ng/ul	95
16) Acetophenone	8.934	105	95170	4.315	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.916	70	45442	4.149	ng/ul	96
18) 4-Methylphenol	8.869	108	60253	4.140	ng/ul	95
19) Hexachloroethane	9.193	117	24824	4.770	ng/ul	98
22) Nitrobenzene	9.316	77	71945	4.559	ng/ul	94
23) Isophorone	9.846	82	134418	4.037	ng/ul	98
25) 2-Nitrophenol	10.034	139	33730	4.494	ng/ul	91
26) 2,4-Dimethylphenol	10.087	107	60595	3.626	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.328	93	84427	4.199	ng/ul	97
29) 2,4-Dichlorophenol	10.569	162	63155	4.546	ng/ul	90
30) Naphthalene	10.981	128	198731	4.330	ng/ul	99
32) 4-Chloroaniline	11.087	127	77020	3.819	ng/ul	97
33) Hexachlorobutadiene	11.263	225	49741	5.082	ng/ul	93
34) Caprolactam	11.875	113	22811m	4.679	ng/ul	
35) 4-Chloro-3-methylphenol	12.199	107	69216	4.315	ng/ul	99
36) 2-Methylnaphthalene	12.575	142	143536	4.449	ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022223\
Data File : BP013870.D
Acq On : 22 Feb 2023 10:42
Operator : CG/JU
Sample : 01378-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 23 03:15:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 22 01:41:33 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT1-2023-02

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/28/2023

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.793	142	136464	4.093	ng/ul	95
39)	1,2,4,5-Tetrachloroben...	12.940	216	93804	5.192	ng/ul	97
40)	Hexachlorocyclopentadiene	12.922	237	52983	4.567	ng/ul	97
41)	2,4,6-Trichlorophenol	13.175	196	57154	4.821	ng/ul	97
42)	2,4,5-Trichlorophenol	13.246	196	59106	4.606	ng/ul	97
43)	1,1'-Biphenyl	13.575	154	204441	4.752	ng/ul	99
44)	2-Chloronaphthalene	13.622	162	162061	4.789	ng/ul	98
45)	2-Nitroaniline	13.822	65	36997	4.539	ng/ul	100
47)	Dimethylphthalate	14.187	163	209763	4.683	ng/ul	98
48)	2,6-Dinitrotoluene	14.310	165	34911	4.461	ng/ul	95
50)	Acenaphthylene	14.463	152	243952	4.626	ng/ul	98
51)	3-Nitroaniline	14.645	138	32975	4.262	ng/ul	99
52)	Acenaphthene	14.804	153	158298	4.289	ng/ul	98
53)	2,4-Dinitrophenol	14.845	184	28167	5.048	ng/ul	98
55)	4-Nitrophenol	14.940	109	31591	4.475	ng/ul	86
56)	Dibenzofuran	15.140	168	232062	4.385	ng/ul	99
57)	2,4-Dinitrotoluene	15.098	165	50723	4.348	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	15.363	232	54655	4.518	ng/ul	96
59)	Diethylphthalate	15.545	149	196303	4.365	ng/ul	99
61)	Fluorene	15.787	166	189705	4.394	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.775	204	103719	4.621	ng/ul	95
63)	4-Nitroaniline	15.804	138	30769m	4.200	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.857	198	41348	4.891	ng/ul#	88
67)	N-Nitrosodiphenylamine	15.992	169	163952	4.291	ng/ul	100
68)	4-Bromophenyl-phenylether	16.675	248	64735	4.361	ng/ul	98
69)	Hexachlorobenzene	16.792	284	77856	4.501	ng/ul	96
70)	Atrazine	16.939	200	65525	4.288	ng/ul	99
71)	Pentachlorophenol	17.139	266	50531	4.489	ng/ul	98
72)	Phenanthrene	17.539	178	326789	4.393	ng/ul	99
74)	Anthracene	17.628	178	309109	4.130	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.546	216	87196	4.647	ng/uL	97
76)	Pentachlorobenzene	15.057	250	79210	4.090	ng/uL	99
77)	Carbazole	17.892	167	275779	4.183	ng/ul	99
78)	Di-n-butylphthalate	18.422	149	321882	4.026	ng/ul	99
80)	Fluoranthene	19.486	202	373022	4.268	ng/ul	96
82)	Pyrene	19.839	202	387963	4.163	ng/ul#	94
83)	Butylbenzylphthalate	20.692	149	137018	4.296	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.475	252	114972	3.794	ng/ul	97
85)	Benzo(a)anthracene	21.551	228	392246	4.264	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.451	149	214482	4.392	ng/ul#	99
87)	Chrysene	21.610	228	371215	4.277	ng/ul	99
89)	Di-n-octyl phthalate	22.422	149	334758	3.661	ng/ul	100
90)	Benzo(b)fluoranthene	23.333	252	382574m	4.317	ng/ul	
91)	Benzo(k)fluoranthene	23.386	252	375322	4.269	ng/ul	99
93)	Benzo(a)pyrene	24.004	252	321998	4.287	ng/ul	97
94)	Indeno(1,2,3-cd)pyrene	26.804	276	398138	4.726	ng/ul	96
95)	Dibenzo(a,h)anthracene	26.815	278	330392	4.695	ng/ul	96
96)	Benzo(g,h,i)perylene	27.633	276	318988	4.756	ng/ul#	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022223\
Data File : BP013870.D
Acq On : 22 Feb 2023 10:42
Operator : CG/JU
Sample : 01378-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 23 03:15:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 22 01:41:33 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT1-2023-02

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/28/2023