Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101323\
Data File : BP017666.D
Acq On : 13 Oct 2023 14:33
Operator : MA/JU
Sample : 02215-01
Misc : SFAM-MDL-WATER-01
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 13 15:17:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 16:14:36 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT2-2023-03

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	81601	20.000	ng/ul	0.01
20) Naphthalene-d8	10.752	136	326042	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.616	164	205512	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.410	188	481019	20.000	ng/ul	0.01
79) Chrysene-d12	21.551	240	550983	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	650701	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	14394	6.503	ng/uL	0.00
4) Pyridine-d5	3.705	84	167366	27.355	ng/ul	0.00
7) Phenol-d5	7.069	99	187876	24.730	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	121178	26.302	ng/ul	0.00
11) 2-Chlorophenol-d4	7.434	132	150813	25.646	ng/ul	0.01
15) 4-Methylphenol-d8	8.640	113	143864	23.708	ng/ul	0.01
21) Nitrobenzene-d5	9.128	128	71883	26.248	ng/ul	0.01
24) 2-Nitrophenol-d4	9.846	143	76154	24.728	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.375	165	140336	24.245	ng/ul	0.02
31) 4-Chloroaniline-d4	10.928	131	197122	23.759	ng/ul	0.02
46) Dimethylphthalate-d6	14.034	166	451405	25.361	ng/ul	0.01
49) Acenaphthylene-d8	14.316	160	490582	25.595	ng/ul	0.01
54) 4-Nitrophenol-d4	14.875	143	66627	22.382	ng/ul	0.02
60) Fluorene-d10	15.622	176	412300	27.232	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.769	200	62312	18.327	ng/ul	0.01
73) Anthracene-d10	17.510	188	648198	26.103	ng/ul	0.01
81) Pyrene-d10	19.769	212	841018	25.361	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.963	264	960313	26.289	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	2979	1.269	ng/uL	97
5) Pyridine	3.728	79	26610	4.235	ng/ul#	59
6) Benzaldehyde	7.081	77	19695	5.118	ng/ul	96
8) Phenol	7.099	94	29987	3.977	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.358	93	25292	4.180	ng/ul	97
12) 2-Chlorophenol	7.469	128	24973	4.251	ng/ul	97
13) 2-Methylphenol	8.369	108	19205	3.422	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.434	45	31163m	3.992	ng/ul	
16) Acetophenone	8.775	105	36851	3.903	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.740	70	18660	3.905	ng/ul#	94
18) 4-Methylphenol	8.710	108	22729	3.725	ng/ul	97
19) Hexachloroethane	8.981	117	10901	4.153	ng/ul	88
22) Nitrobenzene	9.169	77	29721	4.225	ng/ul	98
23) Isophorone	9.681	82	44154	3.481	ng/ul	97
25) 2-Nitrophenol	9.875	139	12791	3.904	ng/ul	97
26) 2,4-Dimethylphenol	9.916	107	25097	3.855	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.175	93	31439	4.057	ng/ul	96
29) 2,4-Dichlorophenol	10.404	162	22195	3.974	ng/ul	91
30) Naphthalene	10.804	128	80115	4.227	ng/ul	98
32) 4-Chloroaniline	10.951	127	30227	3.810	ng/ul	99
33) Hexachlorobutadiene	11.028	225	17850	4.133	ng/ul	92
34) Caprolactam	11.781	113	11074m	6.482	ng/ul	
35) 4-Chloro-3-methylphenol	12.075	107	20569	3.491	ng/ul	99
36) 2-Methylnaphthalene	12.428	142	52671	4.058	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.646	142	54745	4.155	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.781	216	32124	4.285	ng/ul#	94
40) Hexachlorocyclopentadiene	12.716	237	16242	4.822	ng/ul	98
41) 2,4,6-Trichlorophenol	13.046	196	15241	3.301	ng/ul	85
42) 2,4,5-Trichlorophenol	13.128	196	16945	3.476	ng/ul	97
43) 1,1'-Biphenyl	13.445	154	71174	4.226	ng/ul	96
44) 2-Chloronaphthalene	13.493	162	57126	4.239	ng/ul	98
45) 2-Nitroaniline	13.751	65	12137	3.258	ng/ul	94
47) Dimethylphthalate	14.081	163	72868	4.146	ng/ul	99
48) 2,6-Dinitrotoluene	14.234	165	9858	3.030	ng/ul#	84
50) Acenaphthylene	14.345	152	89361	4.121	ng/ul	98
51) 3-Nitroaniline	14.587	138	9404	2.866	ng/ul#	93
52) Acenaphthene	14.681	153	61371	4.255	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	8819	4.390	ng/ul	91
55) 4-Nitrophenol	14.892	109	8723	3.128	ng/ul	94
56) Dibenzofuran	15.028	168	89380	4.320	ng/ul	99
57) 2,4-Dinitrotoluene	15.028	165	17420	3.469	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.251	232	15568	3.453	ng/ul#	91
59) Diethylphthalate	15.445	149	68317	3.875	ng/ul	98
61) Fluorene	15.681	166	72132	4.229	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.675	204	38080	4.198	ng/ul	98
63) 4-Nitroaniline	15.763	138	11430	3.506	ng/ul#	20
66) 4,6-Dinitro-2-methylph...	15.781	198	11987	3.366	ng/ul#	67
67) N-Nitrosodiphenylamine	15.904	169	56969	3.964	ng/ul	96
68) 4-Bromophenyl-phenylether	16.581	248	23310	4.019	ng/ul	95
69) Hexachlorobenzene	16.663	284	29000	4.201	ng/ul	95
70) Atrazine	16.869	200	20581	3.700	ng/ul	98
71) Pentachlorophenol	17.045	266	17609	4.212	ng/ul	97
72) Phenanthrene	17.457	178	121957	4.310	ng/ul	99
74) Anthracene	17.545	178	119203	4.164	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	31322	4.127	ng/uL	97
76) Pentachlorobenzene	14.916	250	35664	4.579	ng/uL	94
77) Carbazole	17.845	167	95304	3.676	ng/ul	98
78) Di-n-butylphthalate	18.351	149	105980	3.320	ng/ul	98
80) Fluoranthene	19.439	202	147986	3.905	ng/ul	98
82) Pyrene	19.798	202	162551	4.106	ng/ul	99
83) Butylbenzylphthalate	20.669	149	44826	2.910	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.486	252	43468	3.080	ng/ul	94
85) Benzo(a)anthracene	21.539	228	170039	4.025	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	59252	2.544	ng/ul#	98
87) Chrysene	21.592	228	168400	4.319	ng/ul	99
89) Di-n-octyl phthalate	22.404	149	98672	2.322	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	174251	3.932	ng/ul	97
91) Benzo(k)fluoranthene	23.386	252	177850	4.034	ng/ul	98
93) Benzo(a)pyrene	24.015	252	166362	4.032	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.886	276	204069	4.033	ng/ul	97
95) Dibenzo(a,h)anthracene	26.915	278	170799	4.027	ng/ul	97
96) Benzo(g,h,i)perylene	27.733	276	167994	4.175	ng/ul	98

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

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