Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017882.D
Acq On : 02 Nov 2023 12:43
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020654

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/04/2023

Quant Time: Nov 02 23:50:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 01:32:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	178304	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.704	136	676108	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.575	164	390914	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.369	188	789020	20.000	ng/ul	0.00
79) Chrysene-d12	21.516	240	668865	20.000	ng/ul	0.00
88) Perylene-d12	24.074	264	693954	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	35628	7.433	ng/uL	0.01
4) Pyridine-d5	3.699	84	223982	17.849	ng/ul	0.00
7) Phenol-d5	7.040	99	305020	20.557	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	184672	20.153	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.399	132	254047	20.993	ng/ul	-0.01
15) 4-Methylphenol-d8	8.599	113	238692	20.485	ng/ul	-0.01
21) Nitrobenzene-d5	9.087	128	119178	21.753	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.799	143	135553	22.393	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.328	165	241763	20.360	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.881	131	309556	19.920	ng/ul	-0.01
46) Dimethylphthalate-d6	13.992	166	657823	20.046	ng/ul	-0.01
49) Acenaphthylene-d8	14.275	160	756206	20.663	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	88020	18.824	ng/ul	0.00
60) Fluorene-d10	15.581	176	541168	19.077	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.733	200	98795	19.009	ng/ul	0.00
73) Anthracene-d10	17.469	188	818266	20.294	ng/ul	0.00
81) Pyrene-d10	19.727	212	909508	21.689	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.904	264	762568	19.729	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	36862	7.251	ng/uL#	93
5) Pyridine	3.722	79	241197m	18.760	ng/ul	
6) Benzaldehyde	7.040	77	194498	24.368	ng/ul	99
8) Phenol	7.069	94	299243	20.455	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.322	93	243105	19.918	ng/ul	96
12) 2-Chlorophenol	7.434	128	252875	20.805	ng/ul	99
13) 2-Methylphenol	8.328	108	227593	20.614	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.393	45	286695m	19.084	ng/ul	
16) Acetophenone	8.734	105	374831	20.462	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.704	70	175314	20.177	ng/ul	99
18) 4-Methylphenol	8.663	108	239548	20.431	ng/ul	92
19) Hexachloroethane	8.934	117	118333	21.188	ng/ul	88
22) Nitrobenzene	9.128	77	302286	22.160	ng/ul	97
23) Isophorone	9.640	82	532619	21.834	ng/ul	99
25) 2-Nitrophenol	9.834	139	137880	21.339	ng/ul#	90
26) 2,4-Dimethylphenol	9.875	107	267262	21.075	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.128	93	307264	20.366	ng/ul	96
29) 2,4-Dichlorophenol	10.357	162	234272	20.632	ng/ul	97
30) Naphthalene	10.757	128	778293	20.003	ng/ul	99
32) 4-Chloroaniline	10.910	127	296392	19.918	ng/ul	99
33) Hexachlorobutadiene	10.981	225	173330	18.801	ng/ul	97
34) Caprolactam	11.740	113	61001m	20.864	ng/ul	
35) 4-Chloro-3-methylphenol	12.022	107	237206	22.190	ng/ul	92
36) 2-Methylnaphthalene	12.381	142	512596	19.503	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.598	142	517503	19.253	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.728	216	288353	19.934	ng/ul	97
40)	Hexachlorocyclopentadiene	12.669	237	152294	18.325	ng/ul	99
41)	2,4,6-Trichlorophenol	12.992	196	180327	20.772	ng/ul	99
42)	2,4,5-Trichlorophenol	13.069	196	193794	21.592	ng/ul	99
43)	1,1'-Biphenyl	13.398	154	660264	20.501	ng/ul	99
44)	2-Chloronaphthalene	13.445	162	531334	20.409	ng/ul	98
45)	2-Nitroaniline	13.698	65	152812	25.830	ng/ul	93
47)	Dimethylphthalate	14.039	163	645293	19.952	ng/ul	99
48)	2,6-Dinitrotoluene	14.192	165	129743	21.795	ng/ul	94
50)	Acenaphthylene	14.304	152	849163	20.714	ng/ul	99
51)	3-Nitroaniline	14.539	138	123540	21.820	ng/ul	99
52)	Acenaphthene	14.639	153	548512	19.793	ng/ul	99
53)	2,4-Dinitrophenol	14.751	184	65323	19.548	ng/ul	89
55)	4-Nitrophenol	14.845	109	105893	21.394	ng/ul	96
56)	Dibenzofuran	14.981	168	752997	19.353	ng/ul	91
57)	2,4-Dinitrotoluene	14.986	165	186174	21.190	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	15.204	232	153775	19.307	ng/ul#	91
59)	Diethylphthalate	15.404	149	641893	20.556	ng/ul	99
61)	Fluorene	15.639	166	618037	19.338	ng/ul	96
62)	4-Chlorophenyl-phenyle...	15.628	204	317405	18.685	ng/ul#	89
63)	4-Nitroaniline	15.716	138	117583	23.025	ng/ul	91
66)	4,6-Dinitro-2-methylph...	15.745	198	104085	18.698	ng/ul	92
67)	N-Nitrosodiphenylamine	15.863	169	507871	21.247	ng/ul	99
68)	4-Bromophenyl-phenylether	16.539	248	183753	19.904	ng/ul#	89
69)	Hexachlorobenzene	16.622	284	202276	19.085	ng/ul	92
70)	Atrazine	16.828	200	176430	20.082	ng/ul	99
71)	Pentachlorophenol	16.998	266	116867	18.341	ng/ul	98
72)	Phenanthrene	17.410	178	926908	20.054	ng/ul	100
74)	Anthracene	17.504	178	943636	20.157	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.351	216	282856	21.365	ng/uL	99
76)	Pentachlorobenzene	14.869	250	256798	20.014	ng/uL	99
77)	Carbazole	17.804	167	803452	20.307	ng/ul	98
78)	Di-n-butylphthalate	18.310	149	1048778	22.832	ng/ul	99
80)	Fluoranthene	19.398	202	1055211	21.901	ng/ul	99
82)	Pyrene	19.763	202	1086633	21.288	ng/ul	100
83)	Butylbenzylphthalate	20.633	149	460971	26.257	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.445	252	300609	19.893	ng/ul	99
85)	Benzo(a)anthracene	21.498	228	1033801	20.331	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.380	149	664510	27.114	ng/ul	100
87)	Chrysene	21.557	228	954028	19.840	ng/ul	99
89)	Di-n-octyl phthalate	22.357	149	1103488	25.104	ng/ul	100
90)	Benzo(b)fluoranthene	23.274	252	950901	20.134	ng/ul	100
91)	Benzo(k)fluoranthene	23.327	252	938557	19.608	ng/ul	99
93)	Benzo(a)pyrene	23.957	252	880205	19.852	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.792	276	1027808	19.450	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.821	278	858872	19.480	ng/ul	99
96)	Benzo(g,h,i)perylene	27.639	276	824018	19.354	ng/ul	99

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

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