Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016296.D
Acq On : 18 Jul 2023 15:55
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020665

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 19 00:57:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 14 23:53:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	220173	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.763	136	1037669	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.598	164	627730	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.363	188	1633586	20.000	ng/ul	-0.01
79) Chrysene-d12	21.463	240	1595350	20.000	ng/ul	0.00
88) Perylene-d12	23.957	264	1665658	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	55487	8.918	ng/uL	0.00
4) Pyridine-d5	3.728	84	364928	23.517	ng/ul	-0.01
7) Phenol-d5	7.134	99	470792	23.673	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.275	67	317596	23.617	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.475	132	364398	25.383	ng/ul	-0.02
15) 4-Methylphenol-d8	8.687	113	324668	20.266	ng/ul	-0.02
21) Nitrobenzene-d5	9.140	128	187050	26.129	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.863	143	209139	25.632	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.422	165	332238	23.514	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.940	131	434530	19.187	ng/ul	-0.02
46) Dimethylphthalate-d6	14.016	166	1070718	22.361	ng/ul	-0.01
49) Acenaphthylene-d8	14.298	160	1067857	20.349	ng/ul	0.00
54) 4-Nitrophenol-d4	14.922	143	192674m	19.716	ng/ul	-0.01
60) Fluorene-d10	15.598	176	979686	24.447	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.781	200	153375	16.264	ng/ul	-0.01
73) Anthracene-d10	17.469	188	1543212	21.597	ng/ul	-0.01
81) Pyrene-d10	19.704	212	1867135	22.555	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.786	264	1737732	21.724	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	62522	9.161	ng/uL	94
5) Pyridine	3.746	79	386551	24.320	ng/ul	98
6) Benzaldehyde	7.105	77	317822	25.594	ng/ul	96
8) Phenol	7.158	94	509209	23.886	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.369	93	411468	23.733	ng/ul	98
12) 2-Chlorophenol	7.510	128	376346	25.266	ng/ul	97
13) 2-Methylphenol	8.416	108	340070	21.194	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.469	45	563457	20.026	ng/ul	99
16) Acetophenone	8.799	105	613823	23.235	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.763	70	339419	23.965	ng/ul	98
18) 4-Methylphenol	8.757	108	409229	23.323	ng/ul	98
19) Hexachloroethane	9.010	117	161893	23.841	ng/ul	100
22) Nitrobenzene	9.181	77	507636	24.406	ng/ul	99
23) Isophorone	9.699	82	974834	23.644	ng/ul	99
25) 2-Nitrophenol	9.899	139	221979	25.321	ng/ul	97
26) 2,4-Dimethylphenol	9.957	107	466662	24.207	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.181	93	583509	24.306	ng/ul	99
29) 2,4-Dichlorophenol	10.446	162	326450	22.470	ng/ul	99
30) Naphthalene	10.810	128	1158408	21.272	ng/ul	98
32) 4-Chloroaniline	10.963	127	434224	19.278	ng/ul	99
33) Hexachlorobutadiene	11.069	225	213414	21.628	ng/ul	99
34) Caprolactam	11.775	113	119830m	22.783	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	435626	24.298	ng/ul	97
36) 2-Methylnaphthalene	12.434	142	866875	23.742	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.646	142	881814	23.483	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.804	216	457835	25.608	ng/ul	99
40) Hexachlorocyclopentadiene	12.751	237	160650	22.889	ng/ul	98
41) 2,4,6-Trichlorophenol	13.063	196	302953	26.821	ng/ul	99
42) 2,4,5-Trichlorophenol	13.157	196	325709	27.123	ng/ul	98
43) 1,1'-Biphenyl	13.434	154	1145539	25.017	ng/ul	99
44) 2-Chloronaphthalene	13.487	162	920326	25.582	ng/ul	100
45) 2-Nitroaniline	13.728	65	305911	26.092	ng/ul	96
47) Dimethylphthalate	14.063	163	1060848	21.935	ng/ul	100
48) 2,6-Dinitrotoluene	14.216	165	188122	20.633	ng/ul	97
50) Acenaphthylene	14.328	152	1209924	20.075	ng/ul	100
51) 3-Nitroaniline	14.569	138	199111	21.505	ng/ul	96
52) Acenaphthene	14.663	153	843818	20.700	ng/ul	100
53) 2,4-Dinitrophenol	14.810	184	130632	20.470	ng/ul	95
55) 4-Nitrophenol	14.922	109	140078m	18.836	ng/ul	
56) Dibenzofuran	15.010	168	1239528	22.324	ng/ul	98
57) 2,4-Dinitrotoluene	15.028	165	317816	23.630	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.251	232	277989	25.507	ng/ul	99
59) Diethylphthalate	15.422	149	1180595	23.474	ng/ul	100
61) Fluorene	15.657	166	1126782	24.292	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	546041	24.340	ng/ul	99
63) 4-Nitroaniline	15.739	138	209046	24.584	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.798	198	167924	17.037	ng/ul	98
67) N-Nitrosodiphenylamine	15.869	169	948277	21.900	ng/ul	99
68) 4-Bromophenyl-phenylether	16.539	248	341054	21.969	ng/ul	99
69) Hexachlorobenzene	16.663	284	401234	21.461	ng/ul	99
70) Atrazine	16.828	200	353882	20.610	ng/ul	98
71) Pentachlorophenol	17.034	266	203149	21.669	ng/ul	99
72) Phenanthrene	17.410	178	1813558	21.307	ng/ul	100
74) Anthracene	17.510	178	1858180	21.726	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.404	216	489731	22.836	ng/uL	99
76) Pentachlorobenzene	14.928	250	407767	20.144	ng/uL	98
77) Carbazole	17.798	167	1666721	21.373	ng/ul	99
78) Di-n-butylphthalate	18.304	149	2091147	21.407	ng/ul	99
80) Fluoranthene	19.380	202	2193604	22.660	ng/ul	99
82) Pyrene	19.739	202	2292673	22.183	ng/ul	98
83) Butylbenzylphthalate	20.580	149	1016812	22.812	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.380	252	661862	17.756	ng/ul	97
85) Benzo(a)anthracene	21.445	228	2267735	21.829	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.327	149	1508773	22.659	ng/ul	99
87) Chrysene	21.504	228	2177707	20.692	ng/ul	100
89) Di-n-octyl phthalate	22.263	149	2475714	23.729	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	1933918	20.326	ng/ul	99
91) Benzo(k)fluoranthene	23.233	252	2040819	21.078	ng/ul	99
93) Benzo(a)pyrene	23.839	252	1995220	21.169	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.580	276	2152287	18.441	ng/ul	99
95) Dibenzo(a,h)anthracene	26.580	278	1794096	18.845	ng/ul	100
96) Benzo(g,h,i)perylene	27.404	276	1522041	16.338	ng/ul	99

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

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Quant Title : SVOA CALIBRATION
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Instrument :
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ClientSampleId :
SSTD020665

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