Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081622\
Data File : BP011449.D
Acq On : 16 Aug 2022 18:01
Operator : CG/JU
Sample : SSTD08047
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 17 01:09:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 17 01:01:09 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD080649

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/17/2022
Supervised By :Sohil Jodhani 08/19/2022

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	76387	20.000	ng/ul	0.00
20) Naphthalene-d8	10.352	136	345439	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.234	164	207568	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.004	188	424168	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	405619	20.000	ng/ul	0.00
88) Perylene-d12	23.427	264	393049	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	79933	32.079	ng/uL	0.00
4) Pyridine-d5	3.475	84	532116	84.659	ng/ul	0.00
7) Phenol-d5	6.746	99	601369	88.959	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.911	67	376751	78.601	ng/ul	0.00
11) 2-Chlorophenol-d4	7.093	132	465982	87.853	ng/ul	0.00
15) 4-Methylphenol-d8	8.293	113	477454	89.952	ng/ul	0.01
21) Nitrobenzene-d5	8.728	128	232616	98.945	ng/ul	0.00
24) 2-Nitrophenol-d4	9.446	143	248246	115.333	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.981	165	424369	97.629	ng/ul	0.00
31) 4-Chloroaniline-d4	10.504	131	662927	87.236	ng/ul	0.00
46) Dimethylphthalate-d6	13.663	166	1279375	88.833	ng/ul	0.00
49) Acenaphthylene-d8	13.928	160	1485112	85.663	ng/ul	0.00
54) 4-Nitrophenol-d4	14.475	143	259670	98.715	ng/ul	0.01
60) Fluorene-d10	15.240	176	1069100	86.801	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.381	200	213116	108.169	ng/ul	0.01
73) Anthracene-d10	17.110	188	1659869	87.062	ng/ul	0.00
81) Pyrene-d10	19.369	212	1808257	80.917	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.286	264	1744485	88.009	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.099	88	84126	31.785	ng/uL	99
5) Pyridine	3.493	79	534142	81.585	ng/ul	99
6) Benzaldehyde	6.716	77	251797	85.469	ng/ul	98
8) Phenol	6.775	94	618181	84.482	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.005	93	467156	79.273	ng/ul	99
12) 2-Chlorophenol	7.128	128	488678	88.418	ng/ul	97
13) 2-Methylphenol	8.016	108	457002	86.720	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.105	45	683369m	77.315	ng/ul	
16) Acetophenone	8.393	105	784951	91.404	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.393	70	413310	97.697	ng/ul	99
18) 4-Methylphenol	8.358	108	498564	88.264	ng/ul	100
19) Hexachloroethane	8.628	117	217081	93.020	ng/ul	99
22) Nitrobenzene	8.769	77	626782	95.237	ng/ul	97
23) Isophorone	9.305	82	1118480	92.650	ng/ul	99
25) 2-Nitrophenol	9.475	139	272685	108.705	ng/ul	96
26) 2,4-Dimethylphenol	9.546	107	610773	96.361	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.787	93	641888	83.201	ng/ul	97
29) 2,4-Dichlorophenol	10.005	162	426111	93.742	ng/ul	98
30) Naphthalene	10.399	128	1547271	82.328	ng/ul	99
32) 4-Chloroaniline	10.528	127	685854	90.041	ng/ul	99
33) Hexachlorobutadiene	10.681	225	256249	91.891	ng/ul	97
34) Caprolactam	11.346	113	156003m	102.629	ng/ul	
35) 4-Chloro-3-methylphenol	11.675	107	551495	103.191	ng/ul	98
36) 2-Methylnaphthalene	12.028	142	1021550	87.690	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.251	142	1035984	87.671	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.398	216	458732	83.948	ng/ul	97
40) Hexachlorocyclopentadiene	12.375	237	300019	102.457	ng/ul	99
41) 2,4,6-Trichlorophenol	12.657	196	322219	97.455	ng/ul	98
42) 2,4,5-Trichlorophenol	12.728	196	344635	97.662	ng/ul	99
43) 1,1'-Biphenyl	13.063	154	1341802	82.323	ng/ul	99
44) 2-Chloronaphthalene	13.098	162	1009199	82.523	ng/ul	98
45) 2-Nitroaniline	13.328	65	407385	131.163	ng/ul	97
47) Dimethylphthalate	13.710	163	1311144	89.883	ng/ul	100
48) 2,6-Dinitrotoluene	13.834	165	271587	119.075	ng/ul	100
50) Acenaphthylene	13.957	152	1720353	86.085	ng/ul	99
51) 3-Nitroaniline	14.163	138	274505	109.408	ng/ul	100
52) Acenaphthene	14.298	153	1123783	84.316	ng/ul	100
53) 2,4-Dinitrophenol	14.375	184	164110	121.271	ng/ul	98
55) 4-Nitrophenol	14.493	109	307893	126.173	ng/ul	94
56) Dibenzofuran	14.640	168	1525383	84.419	ng/ul	99
57) 2,4-Dinitrotoluene	14.628	165	399560	114.292	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.875	232	273728	99.711	ng/ul	98
59) Diethylphthalate	15.092	149	1458578	96.520	ng/ul	99
61) Fluorene	15.298	166	1289289	87.861	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.298	204	572502	89.251	ng/ul	99
63) 4-Nitroaniline	15.345	138	263284m	107.842	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.392	198	216998	106.962	ng/ul	93
67) N-Nitrosodiphenylamine	15.516	169	1084228	86.743	ng/ul	98
68) 4-Bromophenyl-phenylether	16.198	248	332704	88.637	ng/ul	97
69) Hexachlorobenzene	16.298	284	378693	86.358	ng/ul	98
70) Atrazine	16.498	200	400178	96.052	ng/ul	97
71) Pentachlorophenol	16.657	266	244858	96.185	ng/ul	99
72) Phenanthrene	17.051	178	1959880	82.402	ng/ul	99
74) Anthracene	17.145	178	2012205	84.983	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.016	216	470800	77.314	ng/uL	97
76) Pentachlorobenzene	14.551	250	446762	84.244	ng/uL	99
77) Carbazole	17.428	167	1854031	83.795	ng/ul	99
78) Di-n-butylphthalate	17.998	149	2534109	104.742	ng/ul	99
80) Fluoranthene	19.045	202	2259178	83.057	ng/ul	98
82) Pyrene	19.398	202	2324214	80.956	ng/ul	99
83) Butylbenzylphthalate	20.298	149	1176093	128.551	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.063	252	672656	91.122	ng/ul	99
85) Benzo(a)anthracene	21.122	228	2166272	83.245	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.063	149	1768753	120.430	ng/ul	100
87) Chrysene	21.174	228	2111609	81.971	ng/ul	99
89) Di-n-octyl phthalate	21.957	149	2908495	106.652	ng/ul	100
90) Benzo(b)fluoranthene	22.739	252	2188940	84.616	ng/ul	99
91) Benzo(k)fluoranthene	22.786	252	2122218	83.848	ng/ul	98
93) Benzo(a)pyrene	23.333	252	2161487	86.631	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.804	276	2441287	88.508	ng/ul	99
95) Dibenzo(a,h)anthracene	25.821	278	2111618	90.016	ng/ul	98
96) Benzo(g,h,i)perylene	26.533	276	2028607	87.160	ng/ul	100

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

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