Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
Data File : BP018955.D
Acq On : 20 Dec 2023 11:44
Operator : MA/JU
Sample : PB157838BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS838

Quant Time: Dec 20 21:46:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 19 05:28:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	144887	20.000	ng/ul	0.00
20) Naphthalene-d8	10.622	136	538550	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	326186	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	729520	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	795718	20.000	ng/ul	-0.01
88) Perylene-d12	23.669	264	976414	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	19610	4.612	ng/uL	0.00
4) Pyridine-d5	3.670	84	268640	23.589	ng/ul	-0.01
7) Phenol-d5	7.005	99	336160	23.120	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.164	67	191181	22.185	ng/ul	0.00
11) 2-Chlorophenol-d4	7.358	132	270043	23.802	ng/ul	-0.01
15) 4-Methylphenol-d8	8.546	113	254646	21.641	ng/ul	-0.01
21) Nitrobenzene-d5	8.987	128	126877	26.470	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.710	143	142370	28.649	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	270912	26.660	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.763	131	327491	24.660	ng/ul	-0.01
46) Dimethylphthalate-d6	13.881	166	735570	25.267	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	855541	26.688	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.675	143	135100	28.271	ng/ul	-0.01
60) Fluorene-d10	15.457	176	640989	26.230	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	135974	31.085	ng/ul	-0.01
73) Anthracene-d10	17.310	188	1015884	26.488	ng/ul	0.00
81) Pyrene-d10	19.551	212	1302048	21.021	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.516	264	1556766	27.344	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	41085	8.812	ng/uL	94
5) Pyridine	3.687	79	283779	24.675	ng/ul	98
6) Benzaldehyde	6.969	77	169080	22.523	ng/ul	95
8) Phenol	7.028	94	355278	24.916	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.258	93	278414	23.775	ng/ul	100
12) 2-Chlorophenol	7.387	128	287628	25.049	ng/ul	98
13) 2-Methylphenol	8.281	108	261755	23.978	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.352	45	317552	21.372	ng/ul	98
16) Acetophenone	8.652	105	418659	23.874	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.640	70	196881	20.408	ng/ul	96
18) 4-Methylphenol	8.610	108	279030	23.408	ng/ul	98
19) Hexachloroethane	8.899	117	120156	25.525	ng/ul	84
22) Nitrobenzene	9.034	77	310445	26.639	ng/ul	96
23) Isophorone	9.557	82	563347	23.708	ng/ul	98
25) 2-Nitrophenol	9.740	139	157589	29.617	ng/ul	98
26) 2,4-Dimethylphenol	9.805	107	223189	21.447	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.040	93	354272	23.616	ng/ul	100
29) 2,4-Dichlorophenol	10.275	162	278202	28.423	ng/ul	97
30) Naphthalene	10.669	128	881379	26.978	ng/ul	99
32) 4-Chloroaniline	10.787	127	270347	21.359	ng/ul	99
33) Hexachlorobutadiene	10.952	225	211804	32.311	ng/ul	99
34) Caprolactam	11.569	113	81825	27.264	ng/ul	87
35) 4-Chloro-3-methylphenol	11.922	107	266823	24.334	ng/ul	96
36) 2-Methylnaphthalene	12.281	142	583362	25.205	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.504	142	573421	24.533	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.651	216	369745	31.243	ng/ul	98
40) Hexachlorocyclopentadiene	12.628	237	155903	22.226	ng/ul	99
41) 2,4,6-Trichlorophenol	12.898	196	220380	28.948	ng/ul	98
42) 2,4,5-Trichlorophenol	12.969	196	240281	29.113	ng/ul	99
43) 1,1'-Biphenyl	13.298	154	775561	27.492	ng/ul	99
44) 2-Chloronaphthalene	13.340	162	629825	28.267	ng/ul	98
45) 2-Nitroaniline	13.551	65	159640	26.430	ng/ul	94
47) Dimethylphthalate	13.928	163	774948	27.042	ng/ul	100
48) 2,6-Dinitrotoluene	14.045	165	156544	28.914	ng/ul	93
50) Acenaphthylene	14.181	152	998349	27.700	ng/ul	100
51) 3-Nitroaniline	14.375	138	154126	28.517	ng/ul	99
52) Acenaphthene	14.528	153	652735	27.391	ng/ul	98
53) 2,4-Dinitrophenol	14.587	184	87636	30.541	ng/ul	94
55) 4-Nitrophenol	14.693	109	114735	31.780	ng/ul	92
56) Dibenzofuran	14.857	168	931054	28.111	ng/ul	100
57) 2,4-Dinitrotoluene	14.834	165	230050	30.207	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.092	232	204463	29.533	ng/ul#	90
59) Diethylphthalate	15.287	149	749788	26.738	ng/ul	100
61) Fluorene	15.510	166	754816	28.801	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.504	204	406761	29.593	ng/ul	95
63) 4-Nitroaniline	15.540	138	169560	32.932	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.598	198	150625	32.208	ng/ul	91
67) N-Nitrosodiphenylamine	15.722	169	638484	26.412	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	264924	28.765	ng/ul	94
69) Hexachlorobenzene	16.510	284	313670	30.504	ng/ul	97
70) Atrazine	16.681	200	149953	20.864	ng/ul	98
71) Pentachlorophenol	16.863	266	180607	29.533	ng/ul	97
72) Phenanthrene	17.257	178	1246964	28.302	ng/ul	99
74) Anthracene	17.345	178	1240431	28.087	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.257	216	364729	28.914	ng/uL	98
76) Pentachlorobenzene	14.781	250	362289	29.239	ng/uL	99
77) Carbazole	17.622	167	1140660	32.406	ng/ul	98
78) Di-n-butylphthalate	18.175	149	1282664	27.367	ng/ul	100
80) Fluoranthene	19.228	202	1570054	21.444	ng/ul#	95
82) Pyrene	19.580	202	1650462	22.345	ng/ul#	93
83) Butylbenzylphthalate	20.457	149	622003	23.003	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.227	252	623254	32.232	ng/ul	99
85) Benzo(a)anthracene	21.286	228	1812795	28.067	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.216	149	895988	24.108	ng/ul#	99
87) Chrysene	21.339	228	1682765	28.292	ng/ul	99
89) Di-n-octyl phthalate	22.122	149	1607371	22.547	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	1932360	26.841	ng/ul	98
91) Benzo(k)fluoranthene	22.992	252	1912713	27.459	ng/ul	98
93) Benzo(a)pyrene	23.563	252	1860603	28.285	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.127	276	2424699	30.851	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.145	278	2009877	30.741	ng/ul#	96
96) Benzo(g,h,i)perylene	26.886	276	1971187	31.164	ng/ul#	94

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

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