Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014735.D
Acq On : 19 Apr 2023 17:49
Operator : CG/JU
Sample : PB152183BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS183

Quant Time: Apr 20 01:47:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 19 01:37:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.157	152	167267	20.000	ng/ul	0.00
20) Naphthalene-d8	10.981	136	675600	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.787	164	409349	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.533	188	882867	20.000	ng/ul	0.00
79) Chrysene-d12	21.610	240	832986	20.000	ng/ul	0.00
88) Perylene-d12	24.186	264	861301	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	25612	6.086	ng/uL	0.00
4) Pyridine-d5	3.917	84	255014	22.256	ng/ul	0.00
7) Phenol-d5	7.293	99	438600	30.328	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	272710	30.566	ng/ul	0.00
11) 2-Chlorophenol-d4	7.675	132	337628	31.435	ng/ul	0.00
15) 4-Methylphenol-d8	8.852	113	337116	29.901	ng/ul	0.00
21) Nitrobenzene-d5	9.322	128	144500	34.133	ng/ul	0.00
24) 2-Nitrophenol-d4	10.051	143	132305	34.602	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.593	165	336732	32.434	ng/ul	0.00
31) 4-Chloroaniline-d4	11.110	131	315746	19.926	ng/ul	0.00
46) Dimethylphthalate-d6	14.187	166	1030550	31.795	ng/ul	0.00
49) Acenaphthylene-d8	14.481	160	1190911	31.704	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	162825	31.582	ng/ul	0.00
60) Fluorene-d10	15.775	176	888277	31.938	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	110785	31.008	ng/ul	0.00
73) Anthracene-d10	17.633	188	1367968	32.074	ng/ul	0.00
81) Pyrene-d10	19.851	212	1579656	33.104	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.021	264	1507278	33.765	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.522	88	52609	11.574	ng/uL	94
5) Pyridine	3.934	79	328861	28.606	ng/ul	99
6) Benzaldehyde	7.281	77	233831	32.689	ng/ul	96
8) Phenol	7.316	94	462640	30.648	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.563	93	373519	30.517	ng/ul	100
12) 2-Chlorophenol	7.710	128	354630	31.575	ng/ul	99
13) 2-Methylphenol	8.587	108	340697	30.156	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.681	45	471642	30.181	ng/ul	98
16) Acetophenone	8.981	105	585197	31.204	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.963	70	276437	30.306	ng/ul	97
18) 4-Methylphenol	8.916	108	370315	30.164	ng/ul	97
19) Hexachloroethane	9.252	117	150035	31.713	ng/ul	98
22) Nitrobenzene	9.369	77	381316	33.149	ng/ul	98
23) Isophorone	9.893	82	780169	30.037	ng/ul	98
25) 2-Nitrophenol	10.087	139	160126	35.258	ng/ul	99
26) 2,4-Dimethylphenol	10.134	107	388473	30.678	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.375	93	495266	30.777	ng/ul	99
29) 2,4-Dichlorophenol	10.616	162	339391	32.388	ng/ul	97
30) Naphthalene	11.034	128	1183324	31.252	ng/ul	99
32) 4-Chloroaniline	11.134	127	458268	28.547	ng/ul	98
33) Hexachlorobutadiene	11.322	225	235939	31.832	ng/ul	99
34) Caprolactam	11.893	113	92645	29.198	ng/ul	97
35) 4-Chloro-3-methylphenol	12.234	107	344694	31.475	ng/ul	97
36) 2-Methylnaphthalene	12.628	142	780610	30.882	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.845	142	792386	31.620	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.987	216	444007	32.232	ng/ul	97
40) Hexachlorocyclopentadiene	12.969	237	229751	29.476	ng/ul	100
41) 2,4,6-Trichlorophenol	13.222	196	247788	31.758	ng/ul	99
42) 2,4,5-Trichlorophenol	13.287	196	280643	33.248	ng/ul	99
43) 1,1'-Biphenyl	13.622	154	1064571	32.072	ng/ul	100
44) 2-Chloronaphthalene	13.669	162	835185	32.201	ng/ul	99
45) 2-Nitroaniline	13.863	65	178008	36.256	ng/ul	100
47) Dimethylphthalate	14.234	163	1032698	31.631	ng/ul	100
48) 2,6-Dinitrotoluene	14.351	165	161117	36.180	ng/ul	95
50) Acenaphthylene	14.510	152	1299452	31.919	ng/ul	99
51) 3-Nitroaniline	14.681	138	166218	32.816	ng/ul	98
52) Acenaphthene	14.851	153	884249	31.856	ng/ul	99
53) 2,4-Dinitrophenol	14.881	184	63827	29.622	ng/ul	98
55) 4-Nitrophenol	14.969	109	141241	33.397	ng/ul	97
56) Dibenzofuran	15.181	168	1241666	31.783	ng/ul	99
57) 2,4-Dinitrotoluene	15.134	165	242773	37.155	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.398	232	221819	30.946	ng/ul	95
59) Diethylphthalate	15.592	149	1022474	32.276	ng/ul	99
61) Fluorene	15.834	166	1045786	32.794	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.822	204	526359	32.279	ng/ul	99
63) 4-Nitroaniline	15.839	138	200257	39.557	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.892	198	122890	32.309	ng/ul	95
67) N-Nitrosodiphenylamine	16.034	169	859753	32.680	ng/ul	99
68) 4-Bromophenyl-phenylether	16.716	248	322481	32.592	ng/ul	97
69) Hexachlorobenzene	16.839	284	370229	32.249	ng/ul	99
70) Atrazine	16.975	200	29632	3.171	ng/ul	98
71) Pentachlorophenol	17.175	266	168687	26.993	ng/ul	99
72) Phenanthrene	17.580	178	1603100	32.218	ng/ul	100
74) Anthracene	17.669	178	1622760	32.169	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.587	216	440984	31.987	ng/uL	99
76) Pentachlorobenzene	15.098	250	438656	32.260	ng/uL	99
77) Carbazole	17.928	167	1434069	32.384	ng/ul	99
78) Di-n-butylphthalate	18.469	149	1657121	32.961	ng/ul	99
80) Fluoranthene	19.522	202	1879651	33.857	ng/ul	98
82) Pyrene	19.874	202	1962422	33.404	ng/ul	98
83) Butylbenzylphthalate	20.733	149	545784	34.030	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.510	252	549662	29.474	ng/ul	99
85) Benzo(a)anthracene	21.592	228	1919373	33.149	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.498	149	906218	33.496	ng/ul	100
87) Chrysene	21.651	228	1820011	33.203	ng/ul	99
89) Di-n-octyl phthalate	22.486	149	1460203	31.334	ng/ul	100
90) Benzo(b)fluoranthene	23.392	252	1960805	34.948	ng/ul	100
91) Benzo(k)fluoranthene	23.445	252	1868884	33.306	ng/ul	99
93) Benzo(a)pyrene	24.068	252	1685387	33.823	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.915	276	2208247	34.050	ng/ul	99
95) Dibenzo(a,h)anthracene	26.933	278	1849355	34.051	ng/ul	99
96) Benzo(g,h,i)perylene	27.745	276	1758056	33.894	ng/ul	99

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

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