Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018829.D
Acq On : 14 Dec 2023 04:50
Operator : MA/JU
Sample : PB157657BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS657

Quant Time: Dec 14 05:18:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 23:34:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	235554	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	862256	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	518475	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	1166015	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	1284344	20.000	ng/ul	0.00
88) Perylene-d12	23.657	264	1477463	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	40959	5.925	ng/uL	0.00
4) Pyridine-d5	3.675	84	516899	27.918	ng/ul	0.00
7) Phenol-d5	7.005	99	603818	25.544	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	362276	25.858	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	485554	26.324	ng/ul	0.00
15) 4-Methylphenol-d8	8.552	113	457516	23.916	ng/ul	0.00
21) Nitrobenzene-d5	8.999	128	221603	28.876	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	235445	29.591	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	476957	29.316	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	578240	27.196	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	1306884	28.242	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	1502375	29.485	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	239859	31.578	ng/ul	0.00
60) Fluorene-d10	15.457	176	1145935	29.502	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	212534	30.399	ng/ul	0.00
73) Anthracene-d10	17.310	188	1820557	29.699	ng/ul	0.00
81) Pyrene-d10	19.545	212	2327499	23.281	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.504	264	2627460	30.500	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	85452	11.273	ng/uL	97
5) Pyridine	3.693	79	543071	29.045	ng/ul	95
6) Benzaldehyde	6.975	77	308861	25.307	ng/ul	97
8) Phenol	7.034	94	642261	27.705	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.263	93	529515	27.813	ng/ul	99
12) 2-Chlorophenol	7.399	128	523423	28.039	ng/ul	97
13) 2-Methylphenol	8.281	108	472391	26.617	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.363	45	602808	24.954	ng/ul	98
16) Acetophenone	8.657	105	746535	26.185	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.652	70	349137	22.260	ng/ul	96
18) 4-Methylphenol	8.610	108	498811	25.739	ng/ul	99
19) Hexachloroethane	8.910	117	222922	29.128	ng/ul	89
22) Nitrobenzene	9.040	77	554946	29.742	ng/ul	95
23) Isophorone	9.563	82	990718	26.042	ng/ul	99
25) 2-Nitrophenol	9.746	139	267054	31.348	ng/ul	97
26) 2,4-Dimethylphenol	9.810	107	455012	27.309	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.052	93	660615	27.505	ng/ul	100
29) 2,4-Dichlorophenol	10.281	162	485783	30.999	ng/ul	98
30) Naphthalene	10.681	128	1577484	30.158	ng/ul	99
32) 4-Chloroaniline	10.793	127	488216	24.092	ng/ul	100
33) Hexachlorobutadiene	10.963	225	365427	34.819	ng/ul	99
34) Caprolactam	11.575	113	140000	29.135	ng/ul	93
35) 4-Chloro-3-methylphenol	11.922	107	466168	26.554	ng/ul	97
36) 2-Methylnaphthalene	12.287	142	1051235	28.368	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	1030919	27.548	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.657	216	644738	34.274	ng/ul	98
40) Hexachlorocyclopentadiene	12.634	237	356590	31.982	ng/ul	99
41) 2,4,6-Trichlorophenol	12.898	196	381478	31.524	ng/ul	99
42) 2,4,5-Trichlorophenol	12.969	196	414110	31.566	ng/ul	99
43) 1,1'-Biphenyl	13.298	154	1378239	30.736	ng/ul	98
44) 2-Chloronaphthalene	13.340	162	1127187	31.827	ng/ul	98
45) 2-Nitroaniline	13.551	65	274705	28.612	ng/ul	92
47) Dimethylphthalate	13.928	163	1371758	30.115	ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	268072	31.150	ng/ul	91
50) Acenaphthylene	14.187	152	1775070	30.985	ng/ul	99
51) 3-Nitroaniline	14.375	138	262684	30.578	ng/ul	99
52) Acenaphthene	14.528	153	1169211	30.867	ng/ul	98
53) 2,4-Dinitrophenol	14.581	184	134622	29.516	ng/ul	93
55) 4-Nitrophenol	14.687	109	189365	32.998	ng/ul	93
56) Dibenzofuran	14.863	168	1647940	31.303	ng/ul	98
57) 2,4-Dinitrotoluene	14.834	165	398390	32.910	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.087	232	349642	31.773	ng/ul	95
59) Diethylphthalate	15.292	149	1336020	29.974	ng/ul	99
61) Fluorene	15.510	166	1323112	31.762	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	706199	32.324	ng/ul	94
63) 4-Nitroaniline	15.539	138	294508	35.986	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.592	198	238150	31.860	ng/ul	92
67) N-Nitrosodiphenylamine	15.722	169	1134115	29.352	ng/ul	98
68) 4-Bromophenyl-phenylether	16.404	248	453770	30.826	ng/ul	95
69) Hexachlorobenzene	16.510	284	530368	32.270	ng/ul	99
70) Atrazine	16.681	200	283168	24.651	ng/ul	99
71) Pentachlorophenol	16.857	266	312102	31.930	ng/ul	99
72) Phenanthrene	17.251	178	2210763	31.393	ng/ul	100
74) Anthracene	17.345	178	2246044	31.819	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.263	216	640659	31.776	ng/uL	99
76) Pentachlorobenzene	14.781	250	626383	31.628	ng/uL	99
77) Carbazole	17.622	167	2018440	35.878	ng/ul	99
78) Di-n-butylphthalate	18.175	149	2357311	31.468	ng/ul	99
80) Fluoranthene	19.222	202	2829355	23.942	ng/ul	98
82) Pyrene	19.575	202	2970007	24.912	ng/ul	96
83) Butylbenzylphthalate	20.451	149	1131502	25.925	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.222	252	1034534	33.147	ng/ul	99
85) Benzo(a)anthracene	21.286	228	3228329	30.968	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	1680609	28.016	ng/ul#	99
87) Chrysene	21.339	228	3011534	31.370	ng/ul	100
89) Di-n-octyl phthalate	22.121	149	2966085	27.496	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	3337026	30.633	ng/ul	99
91) Benzo(k)fluoranthene	22.986	252	3356217	31.842	ng/ul	99
93) Benzo(a)pyrene	23.557	252	3169936	31.847	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.110	276	3983166	33.493	ng/ul	96
95) Dibenzo(a,h)anthracene	26.133	278	3323618	33.595	ng/ul	97
96) Benzo(g,h,i)perylene	26.868	276	3203342	33.470	ng/ul	95

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

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