Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
Data File : BP018341.D
Acq On : 24 Nov 2023 22:58
Operator : MA/JU
Sample : PB157189BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS189

Quant Time: Nov 24 23:44:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 24 22:02:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	415650	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	1588361	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.499	164	846566	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	1490162	20.000	ng/ul	0.00
79) Chrysene-d12	21.357	240	1341317	20.000	ng/ul	0.00
88) Perylene-d12	23.786	264	1684533	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	60268	5.431	ng/uL	0.00
4) Pyridine-d5	3.687	84	803697	26.353	ng/ul	0.00
7) Phenol-d5	7.034	99	1034759	27.240	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	605489	26.656	ng/ul	0.00
11) 2-Chlorophenol-d4	7.399	132	879429	27.574	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	808938	26.388	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	404289	31.337	ng/ul	0.00
24) 2-Nitrophenol-d4	9.752	143	394785	33.134	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	833398	28.992	ng/ul	0.00
31) 4-Chloroaniline-d4	10.805	131	1032740	26.638	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	2013187	26.726	ng/ul	0.00
49) Acenaphthylene-d8	14.193	160	2476831	28.857	ng/ul	0.00
54) 4-Nitrophenol-d4	14.693	143	287781	27.674	ng/ul	0.00
60) Fluorene-d10	15.493	176	1709448	27.132	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	199762	31.491	ng/ul	0.00
73) Anthracene-d10	17.345	188	2244197	28.176	ng/ul	0.00
81) Pyrene-d10	19.586	212	2478027	23.213	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.627	264	2913464	29.832	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	128329	10.784	ng/uL	91
5) Pyridine	3.705	79	831734	27.067	ng/ul	96
6) Benzaldehyde	7.005	77	584633	29.084	ng/ul	96
8) Phenol	7.058	94	1053619	28.276	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.299	93	889785	28.667	ng/ul	98
12) 2-Chlorophenol	7.428	128	896387	28.015	ng/ul	98
13) 2-Methylphenol	8.311	108	801513	27.616	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.399	45	1117144	25.321	ng/ul	97
16) Acetophenone	8.693	105	1271105	27.098	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.687	70	588467	22.457	ng/ul	95
18) 4-Methylphenol	8.646	108	847501	27.345	ng/ul	98
19) Hexachloroethane	8.952	117	377840	28.276	ng/ul	97
22) Nitrobenzene	9.075	77	897874	29.707	ng/ul	94
23) Isophorone	9.605	82	1688009	25.058	ng/ul	98
25) 2-Nitrophenol	9.781	139	446784	33.328	ng/ul	96
26) 2,4-Dimethylphenol	9.846	107	668520	22.212	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.087	93	1126589	27.691	ng/ul	99
29) 2,4-Dichlorophenol	10.316	162	823768	29.917	ng/ul	97
30) Naphthalene	10.722	128	2784301	28.983	ng/ul	99
32) 4-Chloroaniline	10.828	127	957039	26.160	ng/ul	100
33) Hexachlorobutadiene	11.010	225	606809	32.312	ng/ul	98
34) Caprolactam	11.593	113	205501	25.899	ng/ul	93
35) 4-Chloro-3-methylphenol	11.952	107	744902	25.303	ng/ul	96
36) 2-Methylnaphthalene	12.328	142	1837002	27.019	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.546	142	1792074	26.186	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.693	216	1038535	34.735	ng/ul	99
40) Hexachlorocyclopentadiene	12.675	237	500090	29.532	ng/ul	99
41) 2,4,6-Trichlorophenol	12.934	196	598430	33.328	ng/ul	100
42) 2,4,5-Trichlorophenol	12.999	196	632203	32.560	ng/ul	100
43) 1,1'-Biphenyl	13.340	154	2336422	31.676	ng/ul	99
44) 2-Chloronaphthalene	13.381	162	1858572	31.836	ng/ul	98
45) 2-Nitroaniline	13.581	65	373030	29.696	ng/ul	91
47) Dimethylphthalate	13.963	163	2035322	27.615	ng/ul	99
48) 2,6-Dinitrotoluene	14.081	165	381406	30.694	ng/ul	92
50) Acenaphthylene	14.222	152	2827877	29.557	ng/ul	100
51) 3-Nitroaniline	14.404	138	365369	29.593	ng/ul#	94
52) Acenaphthene	14.563	153	1842921	29.487	ng/ul	100
53) 2,4-Dinitrophenol	14.604	184	130146	30.021	ng/ul	98
55) 4-Nitrophenol	14.704	109	214530	27.846	ng/ul	96
56) Dibenzofuran	14.899	168	2505260	29.320	ng/ul	98
57) 2,4-Dinitrotoluene	14.863	165	495732	29.522	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.122	232	452686	29.687	ng/ul	99
59) Diethylphthalate	15.334	149	1868655	25.239	ng/ul	99
61) Fluorene	15.551	166	1937684	27.808	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.546	204	1019480	28.812	ng/ul	99
63) 4-Nitroaniline	15.563	138	348119	29.877	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.622	198	230952	32.827	ng/ul	99
67) N-Nitrosodiphenylamine	15.757	169	1561290	30.896	ng/ul	99
68) 4-Bromophenyl-phenylether	16.445	248	579026	30.776	ng/ul	96
69) Hexachlorobenzene	16.551	284	678473	32.257	ng/ul	93
70) Atrazine	16.716	200	424200	27.498	ng/ul	99
71) Pentachlorophenol	16.892	266	346982	32.106	ng/ul	99
72) Phenanthrene	17.292	178	2737003	30.196	ng/ul	100
74) Anthracene	17.387	178	2675391	29.242	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.299	216	1017590	39.728	ng/uL	99
76) Pentachlorobenzene	14.816	250	910640	36.600	ng/uL	98
77) Carbazole	17.651	167	2326326	31.385	ng/ul	99
78) Di-n-butylphthalate	18.222	149	2717853	26.361	ng/ul	100
80) Fluoranthene	19.263	202	2977145	23.345	ng/ul	99
82) Pyrene	19.616	202	3099970	24.139	ng/ul	98
83) Butylbenzylphthalate	20.510	149	1110473	23.367	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.281	252	1036506	31.950	ng/ul	99
85) Benzo(a)anthracene	21.339	228	3274688	29.957	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.292	149	1738063	24.376	ng/ul	100
87) Chrysene	21.392	228	3043068	30.592	ng/ul	100
89) Di-n-octyl phthalate	22.245	149	2993770	24.140	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	3612557	29.525	ng/ul	98
91) Benzo(k)fluoranthene	23.092	252	3552137	29.162	ng/ul	100
93) Benzo(a)pyrene	23.680	252	3454866	30.703	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.357	276	4438946	34.117	ng/ul	99
95) Dibenzo(a,h)anthracene	26.392	278	3683843	34.585	ng/ul	99
96) Benzo(g,h,i)perylene	27.145	276	3631962	34.468	ng/ul	98

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

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