Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112223\
Data File : BP018273.D
Acq On : 22 Nov 2023 12:45
Operator : MA/JU
Sample : SSTD08062
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD080628

Quant Time: Nov 22 14:00:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 22 13:53:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	432627	20.000	ng/ul	0.00
20) Naphthalene-d8	10.687	136	1845663	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	1103346	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.263	188	2099874	20.000	ng/ul	0.00
79) Chrysene-d12	21.369	240	1180519	20.000	ng/ul	0.00
88) Perylene-d12	23.786	264	1399151	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	343125	29.706	ng/uL	0.00
4) Pyridine-d5	3.687	84	2482936	78.220	ng/ul	0.00
7) Phenol-d5	7.046	99	3188264	80.638	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.222	67	1835006	77.614	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	2525180	76.068	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	2549009	79.887	ng/ul	0.01
21) Nitrobenzene-d5	9.052	128	1238614	82.623	ng/ul	0.01
24) 2-Nitrophenol-d4	9.769	143	1278514	92.346	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	2569277	76.920	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	3415694	75.820	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	7021809	71.522	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	8057054	72.024	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	1110473	81.934	ng/ul	0.02
60) Fluorene-d10	15.510	176	5768215	70.244	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	837791	93.722	ng/ul	0.02
73) Anthracene-d10	17.369	188	7993165	71.217	ng/ul	0.00
81) Pyrene-d10	19.604	212	7286689	77.555	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.639	264	6227197	76.768	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	366164	29.563	ng/uL	95
5) Pyridine	3.711	79	2488625	77.809	ng/ul	99
6) Benzaldehyde	7.022	77	1526502	72.959	ng/ul	98
8) Phenol	7.075	94	3105263	80.066	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.316	93	2540631	78.643	ng/ul	99
12) 2-Chlorophenol	7.446	128	2511433	75.409	ng/ul	99
13) 2-Methylphenol	8.328	108	2415607	79.964	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.416	45	3547767	77.258	ng/ul	99
16) Acetophenone	8.716	105	3744638	76.696	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.722	70	1826807	66.979	ng/ul	96
18) 4-Methylphenol	8.669	108	2570120	79.671	ng/ul	99
19) Hexachloroethane	8.963	117	1030383	74.085	ng/ul	99
22) Nitrobenzene	9.093	77	2701381	76.917	ng/ul	97
23) Isophorone	9.628	82	5526252	70.598	ng/ul	99
25) 2-Nitrophenol	9.804	139	1371642	88.054	ng/ul	95
26) 2,4-Dimethylphenol	9.863	107	2504843	71.621	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.110	93	3390451	71.718	ng/ul	100
29) 2,4-Dichlorophenol	10.334	162	2424357	75.772	ng/ul	99
30) Naphthalene	10.740	128	7976831	71.459	ng/ul	99
32) 4-Chloroaniline	10.851	127	3229083	75.959	ng/ul	100
33) Hexachlorobutadiene	11.028	225	1665515	76.323	ng/ul	100
34) Caprolactam	11.640	113	425473	46.213	ng/ul	99
35) 4-Chloro-3-methylphenol	11.975	107	2493397	72.887	ng/ul	98
36) 2-Methylnaphthalene	12.346	142	5538655	70.107	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.563	142	5496724	69.121	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.710	216	3036872	77.933	ng/ul	99
40)	Hexachlorocyclopentadiene	12.693	237	1817687	82.359	ng/ul	100
41)	2,4,6-Trichlorophenol	12.951	196	1901442	81.251	ng/ul	98
42)	2,4,5-Trichlorophenol	13.022	196	2038466	80.554	ng/ul	100
43)	1,1'-Biphenyl	13.357	154	7005036	72.868	ng/ul	99
44)	2-Chloronaphthalene	13.398	162	5607991	73.706	ng/ul	99
45)	2-Nitroaniline	13.598	65	1401917	85.631	ng/ul	96
47)	Dimethylphthalate	13.987	163	6810584	70.899	ng/ul	99
48)	2,6-Dinitrotoluene	14.104	165	1399099	86.390	ng/ul	91
50)	Acenaphthylene	14.240	152	8736842	70.067	ng/ul	99
51)	3-Nitroaniline	14.428	138	1291333	80.250	ng/ul#	91
52)	Acenaphthene	14.581	153	5816424	71.405	ng/ul	100
53)	2,4-Dinitrophenol	14.622	184	542582	96.029	ng/ul	96
55)	4-Nitrophenol	14.734	109	790763	78.753	ng/ul	97
56)	Dibenzofuran	14.916	168	7808205	70.116	ng/ul	97
57)	2,4-Dinitrotoluene	14.881	165	1849229	84.495	ng/ul	96
58)	2,3,4,6-Tetrachlorophenol	15.139	232	1579722	79.488	ng/ul	99
59)	Diethylphthalate	15.357	149	6732429	69.769	ng/ul	100
61)	Fluorene	15.569	166	5983712	65.889	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.563	204	3187086	69.111	ng/ul	100
63)	4-Nitroaniline	15.592	138	1155915	76.117	ng/ul	99
66)	4,6-Dinitro-2-methylph...	15.645	198	919446	92.742	ng/ul	100
67)	N-Nitrosodiphenylamine	15.781	169	5297046	74.387	ng/ul	99
68)	4-Bromophenyl-phenylether	16.463	248	2114771	79.766	ng/ul	97
69)	Hexachlorobenzene	16.563	284	2279360	76.903	ng/ul	97
70)	Atrazine	16.739	200	1635334	75.226	ng/ul	100
71)	Pentachlorophenol	16.910	266	1281291	84.134	ng/ul	98
72)	Phenanthrene	17.310	178	9079022	71.082	ng/ul	98
74)	Anthracene	17.404	178	8949314	69.414	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.316	216	3026835	83.859	ng/uL	98
76)	Pentachlorobenzene	14.834	250	2824594	80.561	ng/uL	100
77)	Carbazole	17.669	167	7591337	72.679	ng/ul	99
78)	Di-n-butylphthalate	18.239	149	9826422	67.635	ng/ul	99
80)	Fluoranthene	19.280	202	8786748	78.284	ng/ul	99
82)	Pyrene	19.633	202	8525134	75.427	ng/ul	100
83)	Butylbenzylphthalate	20.522	149	3262009	77.988	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.286	252	2284430	80.008	ng/ul	100
85)	Benzo(a)anthracene	21.351	228	7036422	73.136	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.304	149	4519472	72.019	ng/ul	99
87)	Chrysene	21.404	228	6400165	73.104	ng/ul	98
89)	Di-n-octyl phthalate	22.257	149	7293121	70.802	ng/ul	100
90)	Benzo(b)fluoranthene	23.051	252	7196457	70.812	ng/ul	99
91)	Benzo(k)fluoranthene	23.104	252	7239027	71.553	ng/ul	100
93)	Benzo(a)pyrene	23.692	252	7042433	75.352	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.351	276	9621865	89.036	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.386	278	7841483	88.634	ng/ul	99
96)	Benzo(g,h,i)perylene	27.139	276	7823345	89.389	ng/ul	99

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

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