Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121922\
Data File : BP013221.D
Acq On : 21 Dec 2022 23:10
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 104 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020713

Quant Time: Dec 21 23:39:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 21 23:38:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	647345	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	2645395	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.593	164	1516893	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	2734110	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	2527152	20.000	ng/ul	0.00
88) Perylene-d12	23.910	264	3045532	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	119818	7.914	ng/uL	0.00
4) Pyridine-d5	3.764	84	880434	20.471	ng/ul	0.00
7) Phenol-d5	7.111	99	1076795	20.422	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	669344	21.044	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	860250	20.725	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	857056	19.838	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	417945	21.503	ng/ul	0.00
24) 2-Nitrophenol-d4	9.840	143	476911	21.795	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	894240	21.040	ng/ul	0.00
31) 4-Chloroaniline-d4	10.899	131	1100541	18.342	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	2236782	19.187	ng/ul	0.00
49) Acenaphthylene-d8	14.287	160	2713126	21.179	ng/ul	0.00
54) 4-Nitrophenol-d4	14.787	143	340420	16.233	ng/ul	0.00
60) Fluorene-d10	15.587	176	1910877	19.375	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	311526	17.706	ng/ul	0.00
73) Anthracene-d10	17.445	188	2568210	20.821	ng/ul	0.00
81) Pyrene-d10	19.675	212	2776867	19.143	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.751	264	3112256	20.502	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.370	88	126413	7.998	ng/uL	96
5) Pyridine	3.781	79	885803	20.723	ng/ul	96
6) Benzaldehyde	7.087	77	425841	20.625	ng/ul	98
8) Phenol	7.134	94	1102166	20.674	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.369	93	894233	20.436	ng/ul	97
12) 2-Chlorophenol	7.511	128	876566	20.593	ng/ul	96
13) 2-Methylphenol	8.393	108	829128	19.949	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.475	45	1314443	21.891	ng/ul	96
16) Acetophenone	8.781	105	1367780	20.647	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.763	70	678711	20.374	ng/ul	95
18) 4-Methylphenol	8.722	108	909704	19.760	ng/ul	98
19) Hexachloroethane	9.034	117	346497	20.371	ng/ul	97
22) Nitrobenzene	9.163	77	1017633	22.312	ng/ul	97
23) Isophorone	9.687	82	1855617	20.121	ng/ul	98
25) 2-Nitrophenol	9.875	139	504624	21.284	ng/ul	93
26) 2,4-Dimethylphenol	9.934	107	976734	21.114	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.169	93	1201074	20.368	ng/ul	100
29) 2,4-Dichlorophenol	10.410	162	878269	21.095	ng/ul	98
30) Naphthalene	10.816	128	2859887	20.671	ng/ul	100
32) 4-Chloroaniline	10.922	127	1109589	18.687	ng/ul	100
33) Hexachlorobutadiene	11.093	225	618548	21.638	ng/ul	99
34) Caprolactam	11.710	113	214072	15.080	ng/ul	95
35) 4-Chloro-3-methylphenol	12.046	107	836266	19.682	ng/ul	99
36) 2-Methylnaphthalene	12.416	142	1887684	19.889	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	1910912	19.577	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.787	216	1151472	23.574	ng/ul	99
40) Hexachlorocyclopentadiene	12.763	237	482095	15.167	ng/ul	100
41) 2,4,6-Trichlorophenol	13.022	196	698148	22.241	ng/ul	98
42) 2,4,5-Trichlorophenol	13.099	196	732269	21.717	ng/ul	99
43) 1,1'-Biphenyl	13.422	154	2513461	22.063	ng/ul	99
44) 2-Chloronaphthalene	13.469	162	1998556	22.290	ng/ul	99
45) 2-Nitroaniline	13.675	65	487846	22.441	ng/ul	98
47) Dimethylphthalate	14.046	163	2243592	19.417	ng/ul	100
48) 2,6-Dinitrotoluene	14.169	165	430022	20.026	ng/ul	99
50) Acenaphthylene	14.316	152	2926235	21.248	ng/ul	99
51) 3-Nitroaniline	14.498	138	366169	18.059	ng/ul	97
52) Acenaphthene	14.657	153	1989947	20.851	ng/ul	99
53) 2,4-Dinitrophenol	14.704	184	185608	12.645	ng/ul	96
55) 4-Nitrophenol	14.804	109	254080	17.757	ng/ul	95
56) Dibenzofuran	14.987	168	2755284	20.306	ng/ul	100
57) 2,4-Dinitrotoluene	14.957	165	567029	18.179	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.216	232	587361	19.088	ng/ul	97
59) Diethylphthalate	15.410	149	1989697	17.714	ng/ul	99
61) Fluorene	15.640	166	2168928	19.931	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.634	204	1155798	20.084	ng/ul	99
63) 4-Nitroaniline	15.663	138	319878	17.928	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.716	198	309121	17.979	ng/ul#	94
67) N-Nitrosodiphenylamine	15.845	169	1746364	23.039	ng/ul	99
68) 4-Bromophenyl-phenylether	16.528	248	663094	22.332	ng/ul	98
69) Hexachlorobenzene	16.645	284	762839	21.637	ng/ul	97
70) Atrazine	16.798	200	573270	19.407	ng/ul	98
71) Pentachlorophenol	16.992	266	412766	19.333	ng/ul	99
72) Phenanthrene	17.392	178	3008456	21.125	ng/ul	99
74) Anthracene	17.481	178	3038229	21.367	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.393	216	1108267	28.411	ng/uL	99
76) Pentachlorobenzene	14.910	250	1022390	25.707	ng/uL	100
77) Carbazole	17.751	167	2484142	20.744	ng/ul	100
78) Di-n-butylphthalate	18.292	149	2619865	17.968	ng/ul	99
80) Fluoranthene	19.351	202	3195381	19.408	ng/ul	99
82) Pyrene	19.704	202	3376073	19.879	ng/ul	99
83) Butylbenzylphthalate	20.569	149	1034408	15.766	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.345	252	991938	17.375	ng/ul	99
85) Benzo(a)anthracene	21.416	228	3549304	21.156	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.328	149	1418295	15.325	ng/ul	100
87) Chrysene	21.469	228	3328711	20.981	ng/ul	99
89) Di-n-octyl phthalate	22.275	149	2559216	15.000	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	3903326	20.099	ng/ul	99
91) Benzo(k)fluoranthene	23.198	252	3817611	19.824	ng/ul	99
93) Benzo(a)pyrene	23.798	252	3507510	20.742	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.504	276	4819801	22.882	ng/ul	99
95) Dibenzo(a,h)anthracene	26.521	278	4005389	22.967	ng/ul	99
96) Benzo(g,h,i)perylene	27.298	276	3922226	23.195	ng/ul	99

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

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