Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120123\
Data File : BP018480.D
Acq On : 01 Dec 2023 17:21
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020701

Quant Time: Dec 01 22:36:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 01 21:56:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	356200	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	1530831	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.493	164	973525	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	1925021	20.000	ng/ul	0.00
79) Chrysene-d12	21.327	240	1243105	20.000	ng/ul	0.00
88) Perylene-d12	23.704	264	1430452	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	83830	8.020	ng/uL	0.00
4) Pyridine-d5	3.693	84	593308	21.191	ng/ul	0.00
7) Phenol-d5	7.034	99	734278	20.542	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	443563	20.936	ng/ul	0.00
11) 2-Chlorophenol-d4	7.393	132	565053	20.258	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	598577	20.692	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	286562	21.032	ng/ul	0.00
24) 2-Nitrophenol-d4	9.746	143	306623	21.707	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	598014	20.704	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	817925	21.668	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	1731500	19.928	ng/ul	0.00
49) Acenaphthylene-d8	14.187	160	1984893	20.746	ng/ul	0.00
54) 4-Nitrophenol-d4	14.693	143	276600	19.394	ng/ul	0.00
60) Fluorene-d10	15.487	176	1447133	19.842	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	228970	19.837	ng/ul	0.00
73) Anthracene-d10	17.339	188	2049962	20.256	ng/ul	0.00
81) Pyrene-d10	19.575	212	1986750	20.532	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.545	264	1670172	20.025	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	89566	7.814	ng/uL	98
5) Pyridine	3.717	79	598234	21.158	ng/ul	96
6) Benzaldehyde	7.005	77	442556	23.979	ng/ul	98
8) Phenol	7.058	94	727730	20.760	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.293	93	609083	21.157	ng/ul	99
12) 2-Chlorophenol	7.428	128	569019	20.157	ng/ul	99
13) 2-Methylphenol	8.310	108	555034	20.681	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.399	45	756879	20.720	ng/ul	98
16) Acetophenone	8.693	105	921752	21.380	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.681	70	466656	19.676	ng/ul	99
18) 4-Methylphenol	8.640	108	608846	20.776	ng/ul	99
19) Hexachloroethane	8.946	117	235976	20.390	ng/ul	96
22) Nitrobenzene	9.069	77	683376	20.629	ng/ul	98
23) Isophorone	9.599	82	1360226	20.139	ng/ul	99
25) 2-Nitrophenol	9.781	139	326116	21.562	ng/ul	99
26) 2,4-Dimethylphenol	9.846	107	605114	20.457	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.081	93	851134	19.960	ng/ul	99
29) 2,4-Dichlorophenol	10.310	162	576331	20.715	ng/ul	99
30) Naphthalene	10.716	128	1876880	20.211	ng/ul	100
32) 4-Chloroaniline	10.828	127	780852	21.704	ng/ul	100
33) Hexachlorobutadiene	10.999	225	388366	20.843	ng/ul	98
34) Caprolactam	11.604	113	163320	19.144	ng/ul	97
35) 4-Chloro-3-methylphenol	11.951	107	623347	20.000	ng/ul	99
36) 2-Methylnaphthalene	12.322	142	1311917	19.941	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	1318672	19.847	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.687	216	741728	21.000	ng/ul	99
40) Hexachlorocyclopentadiene	12.669	237	462111	22.073	ng/ul	97
41) 2,4,6-Trichlorophenol	12.928	196	482413	21.231	ng/ul	98
42) 2,4,5-Trichlorophenol	12.999	196	522810	21.224	ng/ul	98
43) 1,1'-Biphenyl	13.334	154	1728403	20.528	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	1380972	20.767	ng/ul	98
45) 2-Nitroaniline	13.575	65	369760	20.511	ng/ul	96
47) Dimethylphthalate	13.957	163	1702023	19.900	ng/ul	100
48) 2,6-Dinitrotoluene	14.075	165	334760	20.717	ng/ul	96
50) Acenaphthylene	14.216	152	2213333	20.576	ng/ul	100
51) 3-Nitroaniline	14.404	138	343450	21.292	ng/ul	98
52) Acenaphthene	14.557	153	1452239	20.419	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	154269	18.014	ng/ul	98
55) 4-Nitrophenol	14.704	109	208396	19.340	ng/ul	97
56) Dibenzofuran	14.893	168	1993027	20.162	ng/ul	99
57) 2,4-Dinitrotoluene	14.857	165	458838	20.186	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.116	232	418554	20.257	ng/ul	99
59) Diethylphthalate	15.322	149	1636917	19.558	ng/ul	100
61) Fluorene	15.540	166	1568593	20.054	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.540	204	830020	20.233	ng/ul	97
63) 4-Nitroaniline	15.563	138	315095	20.505	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.616	198	251170	20.353	ng/ul	96
67) N-Nitrosodiphenylamine	15.751	169	1338754	20.987	ng/ul	100
68) 4-Bromophenyl-phenylether	16.434	248	513360	21.124	ng/ul	96
69) Hexachlorobenzene	16.539	284	563506	20.768	ng/ul	98
70) Atrazine	16.710	200	413696	21.814	ng/ul	98
71) Pentachlorophenol	16.887	266	326546	20.235	ng/ul	100
72) Phenanthrene	17.281	178	2334524	20.080	ng/ul	99
74) Anthracene	17.375	178	2364546	20.290	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.293	216	736479	22.126	ng/uL	99
76) Pentachlorobenzene	14.810	250	711764	21.769	ng/uL	100
77) Carbazole	17.645	167	1956335	21.063	ng/ul	99
78) Di-n-butylphthalate	18.204	149	2406931	19.462	ng/ul	100
80) Fluoranthene	19.245	202	2360268	20.635	ng/ul	99
82) Pyrene	19.598	202	2369004	20.530	ng/ul	99
83) Butylbenzylphthalate	20.480	149	846326	20.035	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.245	252	669989	22.179	ng/ul	99
85) Benzo(a)anthracene	21.310	228	2029907	20.118	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.245	149	1176650	20.266	ng/ul	99
87) Chrysene	21.363	228	1895771	20.402	ng/ul	100
89) Di-n-octyl phthalate	22.163	149	1896952	18.163	ng/ul	100
90) Benzo(b)fluoranthene	22.974	252	1975656	18.732	ng/ul	99
91) Benzo(k)fluoranthene	23.022	252	1990518	19.506	ng/ul	100
93) Benzo(a)pyrene	23.592	252	1932941	20.058	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.174	276	2581980	22.424	ng/ul	98
95) Dibenzo(a,h)anthracene	26.198	278	2145076	22.395	ng/ul	99
96) Benzo(g,h,i)perylene	26.933	276	2115655	22.832	ng/ul	98

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

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