Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051123\
Data File : BP015061.D
Acq On : 11 May 2023 12:13
Operator : CG/JU
Sample : SSTD01072
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD010612

Quant Time: May 11 22:11:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 11 15:04:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	308857	20.000	ng/ul	0.00
20) Naphthalene-d8	10.975	136	1390986	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.787	164	902893	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.539	188	1970903	20.000	ng/ul	0.00
79) Chrysene-d12	21.616	240	1786293	20.000	ng/ul	0.00
88) Perylene-d12	24.198	264	2072637	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.440	96	30766	3.870	ng/uL	0.00
4) Pyridine-d5	3.881	84	219353	9.735	ng/ul	0.00
7) Phenol-d5	7.293	99	268223	9.353	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.457	67	164701	9.944	ng/ul	0.00
11) 2-Chlorophenol-d4	7.669	132	204219	9.686	ng/ul	0.00
15) 4-Methylphenol-d8	8.852	113	219158	9.591	ng/ul	0.00
21) Nitrobenzene-d5	9.316	128	105999	9.698	ng/ul	0.00
24) 2-Nitrophenol-d4	10.046	143	114610	9.424	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	214108	9.756	ng/ul	0.00
31) 4-Chloroaniline-d4	11.110	131	333633	10.275	ng/ul	0.00
46) Dimethylphthalate-d6	14.187	166	688996	10.098	ng/ul	0.00
49) Acenaphthylene-d8	14.481	160	780511	10.002	ng/ul	0.00
54) 4-Nitrophenol-d4	14.975	143	121408	9.164	ng/ul	0.00
60) Fluorene-d10	15.775	176	583368	10.133	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.892	200	106217	8.552	ng/ul	0.00
73) Anthracene-d10	17.639	188	920772	10.203	ng/ul	0.00
81) Pyrene-d10	19.857	212	1038789	10.027	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.027	264	1020796	9.921	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.475	88	34060	3.987	ng/uL#	96
5) Pyridine	3.905	79	225800	9.635	ng/ul	98
6) Benzaldehyde	7.269	77	64889	8.232	ng/ul	96
8) Phenol	7.316	94	274853	9.347	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.552	93	233340	9.918	ng/ul	98
12) 2-Chlorophenol	7.699	128	217614	9.758	ng/ul	98
13) 2-Methylphenol	8.587	108	219579	9.662	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.675	45	298907	10.141	ng/ul	99
16) Acetophenone	8.975	105	370416	10.386	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.957	70	191484	10.238	ng/ul	99
18) 4-Methylphenol	8.916	108	240023	9.595	ng/ul	98
19) Hexachloroethane	9.234	117	89588	9.838	ng/ul	95
22) Nitrobenzene	9.357	77	267491	9.909	ng/ul	97
23) Isophorone	9.893	82	553012	9.966	ng/ul	99
25) 2-Nitrophenol	10.081	139	128684	9.649	ng/ul	98
26) 2,4-Dimethylphenol	10.134	107	265138	9.963	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.369	93	339713	10.062	ng/ul	99
29) 2,4-Dichlorophenol	10.616	162	217689	9.820	ng/ul	98
30) Naphthalene	11.022	128	768870	10.167	ng/ul	100
32) 4-Chloroaniline	11.134	127	346659	10.387	ng/ul	100
33) Hexachlorobutadiene	11.304	225	133873	10.020	ng/ul	99
34) Caprolactam	11.904	113	81378	9.738	ng/ul	93
35) 4-Chloro-3-methylphenol	12.245	107	252565	10.090	ng/ul	96
36) 2-Methylnaphthalene	12.622	142	516703	10.141	ng/ul	100

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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.840	142	520606	10.174	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.987	216	266741	9.878	ng/ul	98
40) Hexachlorocyclopentadiene	12.963	237	151786	8.675	ng/ul	100
41) 2,4,6-Trichlorophenol	13.222	196	183159	9.606	ng/ul	98
42) 2,4,5-Trichlorophenol	13.292	196	197789	9.567	ng/ul	99
43) 1,1'-Biphenyl	13.622	154	715652	10.216	ng/ul	99
44) 2-Chloronaphthalene	13.663	162	551193	10.075	ng/ul	98
45) 2-Nitroaniline	13.863	65	147033	9.393	ng/ul	93
47) Dimethylphthalate	14.234	163	721532	10.155	ng/ul	99
48) 2,6-Dinitrotoluene	14.357	165	131427	9.336	ng/ul	98
50) Acenaphthylene	14.510	152	886268	10.179	ng/ul	100
51) 3-Nitroaniline	14.687	138	97672	7.705	ng/ul	95
52) Acenaphthene	14.845	153	606662	10.202	ng/ul	98
53) 2,4-Dinitrophenol	14.898	184	69739	7.461	ng/ul	98
55) 4-Nitrophenol	14.986	109	91766	9.417	ng/ul	95
56) Dibenzofuran	15.181	168	850616	10.284	ng/ul	99
57) 2,4-Dinitrotoluene	15.145	165	195074	9.577	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.404	232	171393	9.823	ng/ul	99
59) Diethylphthalate	15.592	149	723557	10.210	ng/ul	99
61) Fluorene	15.834	166	697486	10.493	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.816	204	333200	10.259	ng/ul	97
63) 4-Nitroaniline	15.845	138	85641	7.824	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.910	198	116252	9.069	ng/ul#	99
67) N-Nitrosodiphenylamine	16.034	169	595044	10.268	ng/ul	99
68) 4-Bromophenyl-phenylether	16.716	248	200681	9.886	ng/ul	99
69) Hexachlorobenzene	16.839	284	242150	10.094	ng/ul	99
70) Atrazine	16.986	200	215214	10.047	ng/ul	97
71) Pentachlorophenol	17.186	266	138086	9.202	ng/ul	100
72) Phenanthrene	17.580	178	1103062	10.278	ng/ul	99
74) Anthracene	17.675	178	1118180	10.303	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.587	216	278690	9.973	ng/uL	99
76) Pentachlorobenzene	15.104	250	282266	10.060	ng/uL	99
77) Carbazole	17.939	167	994616	10.452	ng/ul	100
78) Di-n-butylphthalate	18.469	149	1253777	10.231	ng/ul	100
80) Fluoranthene	19.533	202	1275982	10.105	ng/ul	99
82) Pyrene	19.886	202	1332379	10.218	ng/ul	99
83) Butylbenzylphthalate	20.739	149	575316	9.952	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.521	252	406191	10.354	ng/ul	97
85) Benzo(a)anthracene	21.604	228	1245103	10.081	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.498	149	848104	10.190	ng/ul	100
87) Chrysene	21.657	228	1205243	10.208	ng/ul	98
89) Di-n-octyl phthalate	22.480	149	1451675	10.227	ng/ul	100
90) Benzo(b)fluoranthene	23.398	252	1319849	10.045	ng/ul	99
91) Benzo(k)fluoranthene	23.451	252	1256286	9.957	ng/ul	100
93) Benzo(a)pyrene	24.080	252	1164632	10.028	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.927	276	1527290	10.156	ng/ul	98
95) Dibenzo(a,h)anthracene	26.945	278	1253001	10.150	ng/ul	99
96) Benzo(g,h,i)perylene	27.768	276	1256153	10.244	ng/ul	99

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

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