Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051123\
Data File : BP015059.D
Acq On : 11 May 2023 10:10
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020708

Quant Time: May 11 22:10:26 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	8.152	152	383758	20.000	ng/ul	0.01
20) Naphthalene-d8	10.981	136	1684214	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.793	164	1015922	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.545	188	2015330	20.000	ng/ul	0.00
79) Chrysene-d12	21.628	240	1191643	20.000	ng/ul	0.00
88) Perylene-d12	24.210	264	1431934	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	74525	7.545	ng/uL	0.01
4) Pyridine-d5	3.893	84	516364	18.444	ng/ul	0.01
7) Phenol-d5	7.299	99	682438	19.153	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	392283	19.063	ng/ul	0.01
11) 2-Chlorophenol-d4	7.675	132	516644	19.721	ng/ul	0.00
15) 4-Methylphenol-d8	8.863	113	537803	18.942	ng/ul	0.00
21) Nitrobenzene-d5	9.328	128	258269	19.515	ng/ul	0.01
24) 2-Nitrophenol-d4	10.058	143	290497	19.727	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.599	165	538045	20.248	ng/ul	0.00
31) 4-Chloroaniline-d4	11.116	131	742423	18.884	ng/ul	0.00
46) Dimethylphthalate-d6	14.193	166	1493534	19.455	ng/ul	0.00
49) Acenaphthylene-d8	14.487	160	1759490	20.040	ng/ul	0.00
54) 4-Nitrophenol-d4	14.987	143	240832	16.156	ng/ul	0.01
60) Fluorene-d10	15.781	176	1266909	19.558	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.904	200	131497	10.353	ng/ul	0.00
73) Anthracene-d10	17.645	188	1843222	19.974	ng/ul	0.00
81) Pyrene-d10	19.863	212	1656828	23.973	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.039	264	1347382	18.955	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.487	88	81033	7.635	ng/uL	95
5) Pyridine	3.911	79	536515	18.426	ng/ul	99
6) Benzaldehyde	7.275	77	178172	18.193	ng/ul	98
8) Phenol	7.328	94	708411	19.389	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.564	93	558830	19.117	ng/ul	99
12) 2-Chlorophenol	7.711	128	540797	19.516	ng/ul	99
13) 2-Methylphenol	8.599	108	543455	19.245	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.675	45	699194	19.091	ng/ul	98
16) Acetophenone	8.987	105	864334	19.505	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.969	70	433645	18.659	ng/ul	98
18) 4-Methylphenol	8.928	108	587748	18.910	ng/ul	99
19) Hexachloroethane	9.246	117	217153	19.192	ng/ul	95
22) Nitrobenzene	9.369	77	631246	19.312	ng/ul	99
23) Isophorone	9.899	82	1273094	18.949	ng/ul	99
25) 2-Nitrophenol	10.087	139	315290	19.525	ng/ul	98
26) 2,4-Dimethylphenol	10.140	107	635814	19.731	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.381	93	779971	19.080	ng/ul	99
29) 2,4-Dichlorophenol	10.628	162	537797	20.037	ng/ul	100
30) Naphthalene	11.034	128	1795851	19.613	ng/ul	99
32) 4-Chloroaniline	11.146	127	769629	19.046	ng/ul	99
33) Hexachlorobutadiene	11.316	225	321728	19.888	ng/ul	96
34) Caprolactam	11.916	113	175069	17.302	ng/ul	95
35) 4-Chloro-3-methylphenol	12.257	107	585165	19.308	ng/ul	97
36) 2-Methylnaphthalene	12.628	142	1195635	19.380	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.846	142	1205082	19.451	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.993	216	631544	20.785	ng/ul	98
40) Hexachlorocyclopentadiene	12.969	237	254983	12.952	ng/ul	98
41) 2,4,6-Trichlorophenol	13.228	196	423698	19.748	ng/ul	98
42) 2,4,5-Trichlorophenol	13.304	196	463357	19.918	ng/ul	98
43) 1,1'-Biphenyl	13.628	154	1611313	20.442	ng/ul	98
44) 2-Chloronaphthalene	13.675	162	1258185	20.439	ng/ul	99
45) 2-Nitroaniline	13.875	65	352406	20.008	ng/ul	98
47) Dimethylphthalate	14.240	163	1547394	19.354	ng/ul	100
48) 2,6-Dinitrotoluene	14.369	165	311148	19.644	ng/ul	97
50) Acenaphthylene	14.516	152	1974160	20.151	ng/ul	100
51) 3-Nitroaniline	14.693	138	281129	19.711	ng/ul	98
52) Acenaphthene	14.857	153	1347952	20.146	ng/ul	99
53) 2,4-Dinitrophenol	14.904	184	57106	5.430	ng/ul	91
55) 4-Nitrophenol	14.998	109	183662	16.751	ng/ul	99
56) Dibenzofuran	15.187	168	1853030	19.911	ng/ul	99
57) 2,4-Dinitrotoluene	15.151	165	430906	18.800	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.416	232	345586	17.602	ng/ul	97
59) Diethylphthalate	15.598	149	1546064	19.389	ng/ul	100
61) Fluorene	15.840	166	1478158	19.764	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.828	204	724579	19.828	ng/ul	99
63) 4-Nitroaniline	15.857	138	257584	20.914	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.916	198	138389	10.558	ng/ul#	99
67) N-Nitrosodiphenylamine	16.040	169	1264949	21.346	ng/ul	100
68) 4-Bromophenyl-phenylether	16.728	248	442815	21.332	ng/ul	96
69) Hexachlorobenzene	16.851	284	498630	20.327	ng/ul	98
70) Atrazine	16.992	200	444259	20.283	ng/ul	99
71) Pentachlorophenol	17.192	266	224076	14.603	ng/ul	98
72) Phenanthrene	17.592	178	2185290	19.913	ng/ul	100
74) Anthracene	17.681	178	2228197	20.079	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.599	216	641105	22.436	ng/uL	99
76) Pentachlorobenzene	15.110	250	627832	21.883	ng/uL	100
77) Carbazole	17.945	167	1888530	19.407	ng/ul	99
78) Di-n-butylphthalate	18.475	149	2511967	20.045	ng/ul	100
80) Fluoranthene	19.539	202	2125267	25.229	ng/ul	100
82) Pyrene	19.892	202	2102823	24.173	ng/ul	99
83) Butylbenzylphthalate	20.745	149	896500	23.247	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.533	252	367604	14.046	ng/ul	99
85) Benzo(a)anthracene	21.610	228	1630991	19.795	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.504	149	1258128	22.661	ng/ul	100
87) Chrysene	21.663	228	1552718	19.713	ng/ul	99
89) Di-n-octyl phthalate	22.486	149	1892158	19.294	ng/ul	100
90) Benzo(b)fluoranthene	23.416	252	1693108	18.651	ng/ul	99
91) Benzo(k)fluoranthene	23.469	252	1646443	18.889	ng/ul	99
93) Benzo(a)pyrene	24.098	252	1532213	19.096	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.957	276	2132435	20.525	ng/ul	100
95) Dibenzo(a,h)anthracene	26.968	278	1755146	20.580	ng/ul	100
96) Benzo(g,h,i)perylene	27.798	276	1765734	20.842	ng/ul	100

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

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