Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM034976.D
Acq On : 11 May 2022 09:41
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020121

Quant Time: May 12 02:34:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 10 16:40:09 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	221360	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	1017191	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	667729	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.292	188	1361111	20.000	ng/ul	0.00
79) Chrysene-d12	21.468	240	1159740	20.000	ng/ul	0.00
88) Perylene-d12	23.850	264	917399	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	45636	8.625	ng/uL	0.00
4) Pyridine-d5	3.775	84	303026	20.778	ng/ul	0.00
7) Phenol-d5	7.081	99	418322	21.845	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	265676	22.103	ng/ul	0.00
11) 2-Chlorophenol-d4	7.451	132	345958	22.990	ng/ul	0.00
15) 4-Methylphenol-d8	8.622	113	357643	22.907	ng/ul	0.00
21) Nitrobenzene-d5	9.075	128	174660	22.403	ng/ul	0.00
24) 2-Nitrophenol-d4	9.798	143	192890	22.939	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.339	165	366218	23.271	ng/ul	0.00
31) 4-Chloroaniline-d4	10.851	131	532424	23.762	ng/ul	0.00
46) Dimethylphthalate-d6	13.963	166	1146181	22.761	ng/ul	0.00
49) Acenaphthylene-d8	14.245	160	1456426	22.793	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	196043	22.784	ng/ul	0.00
60) Fluorene-d10	15.539	176	973005	22.903	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	175690	20.484	ng/ul	0.00
73) Anthracene-d10	17.392	188	1479566	22.343	ng/ul	0.00
81) Pyrene-d10	19.680	212	1579852	21.816	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.697	264	1109562	23.142	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	44297	8.408	ng/uL	95
5) Pyridine	3.793	79	325724	21.162	ng/ul	96
6) Benzaldehyde	7.051	77	277370	25.953	ng/ul	99
8) Phenol	7.104	94	422327	22.155	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.340	93	339907	22.528	ng/ul	98
12) 2-Chlorophenol	7.481	128	350969	22.869	ng/ul	96
13) 2-Methylphenol	8.357	108	326064	22.567	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.445	45	542239	21.982	ng/ul	99
16) Acetophenone	8.740	105	560341	23.121	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.734	70	300468	23.245	ng/ul	95
18) 4-Methylphenol	8.687	108	361546	22.904	ng/ul	96
19) Hexachloroethane	9.004	117	145357	22.327	ng/ul	95
22) Nitrobenzene	9.116	77	422409	21.834	ng/ul	98
23) Isophorone	9.651	82	812373	22.854	ng/ul	99
25) 2-Nitrophenol	9.828	139	208571	23.084	ng/ul	91
26) 2,4-Dimethylphenol	9.892	107	430516	22.783	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.134	93	485226	22.021	ng/ul	99
29) 2,4-Dichlorophenol	10.363	162	354498	23.155	ng/ul	97
30) Naphthalene	10.769	128	1176218	22.010	ng/ul	99
32) 4-Chloroaniline	10.875	127	531530	23.704	ng/ul	99
33) Hexachlorobutadiene	11.069	225	226127	22.535	ng/ul	99
34) Caprolactam	11.639	113	109544	23.929	ng/ul	92
35) 4-Chloro-3-methylphenol	11.998	107	390668	23.738	ng/ul	98
36) 2-Methylnaphthalene	12.381	142	848896	22.975	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.598	142	859337	23.000	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.751	216	432373	22.016	ng/ul	97
40) Hexachlorocyclopentadiene	12.733	237	273961	20.114	ng/ul	99
41) 2,4,6-Trichlorophenol	12.986	196	289993	23.195	ng/ul	100
42) 2,4,5-Trichlorophenol	13.057	196	313939	23.439	ng/ul	99
43) 1,1'-Biphenyl	13.386	154	1159937	21.865	ng/ul	98
44) 2-Chloronaphthalene	13.428	162	880708	21.800	ng/ul	97
45) 2-Nitroaniline	13.628	65	267276	23.304	ng/ul	92
47) Dimethylphthalate	14.010	163	1132336	22.759	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	224492	23.756	ng/ul#	87
50) Acenaphthylene	14.275	152	1445445	22.516	ng/ul	98
51) 3-Nitroaniline	14.445	138	159811	18.469	ng/ul	89
52) Acenaphthene	14.616	153	955261	22.264	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	112779	20.458	ng/ul#	89
55) 4-Nitrophenol	14.751	109	174397	23.049	ng/ul	92
56) Dibenzofuran	14.951	168	1325275	22.427	ng/ul	95
57) 2,4-Dinitrotoluene	14.910	165	326112	24.465	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.174	232	253801	24.168	ng/ul	98
59) Diethylphthalate	15.374	149	1181032	23.175	ng/ul	99
61) Fluorene	15.598	166	1104134	22.840	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.592	204	544178	23.175	ng/ul	97
63) 4-Nitroaniline	15.610	138	144767	18.797	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.669	198	176213	20.749	ng/ul#	94
67) N-Nitrosodiphenylamine	15.804	169	943195	21.524	ng/ul	99
68) 4-Bromophenyl-phenylether	16.486	248	313528	22.152	ng/ul	97
69) Hexachlorobenzene	16.604	284	352980	22.040	ng/ul	98
70) Atrazine	16.757	200	342571	21.993	ng/ul	98
71) Pentachlorophenol	16.939	266	212865	21.413	ng/ul	97
72) Phenanthrene	17.333	178	1702631	22.239	ng/ul	99
74) Anthracene	17.427	178	1724472	22.270	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	444878	20.425	ng/uL	98
76) Pentachlorobenzene	14.874	250	420194	21.061	ng/uL	98
77) Carbazole	17.692	167	1522150	22.360	ng/ul	99
78) Di-n-butylphthalate	18.268	149	1986996	23.537	ng/ul	100
80) Fluoranthene	19.345	202	1901837	21.846	ng/ul	97
82) Pyrene	19.709	202	1922471	21.625	ng/ul	100
83) Butylbenzylphthalate	20.609	149	852882	23.981	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.386	252	458740	20.962	ng/ul	98
85) Benzo(a)anthracene	21.451	228	1701517	22.582	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	1288687	24.454	ng/ul	99
87) Chrysene	21.509	228	1629553	22.208	ng/ul	99
89) Di-n-octyl phthalate	22.309	149	1927364	25.237	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	1447640	23.492	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	1389085	23.673	ng/ul	100
93) Benzo(a)pyrene	23.744	252	1348246	22.950	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.321	276	1407641	20.946	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.333	278	1208430	20.974	ng/ul#	96
96) Benzo(g,h,i)perylene	27.074	276	1160756	20.794	ng/ul#	93

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

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