Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
Data File : BM038987.D
Acq On : 13 Mar 2023 13:11
Operator : CG/JU
Sample : SSTD02041
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020049

Quant Time: Mar 13 13:53:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 08 04:25:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	653380	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.804	136	2967290	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.627	164	1901563	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.374	188	4028137	20.000	ng/ul	0.00
79) Chrysene-d12	21.556	240	3818793	20.000	ng/ul	0.00
88) Perylene-d12	24.003	264	4051621	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	76887	4.394	ng/uL	0.00
4) Pyridine-d5	3.793	84	539279	11.209	ng/ul	0.00
7) Phenol-d5	7.140	99	627645	10.246	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.316	67	416282	10.636	ng/ul	0.00
11) 2-Chlorophenol-d4	7.516	132	479880	10.513	ng/ul	-0.01
15) 4-Methylphenol-d8	8.698	113	487978	10.112	ng/ul	0.00
21) Nitrobenzene-d5	9.157	128	248128	11.911	ng/ul	0.00
24) 2-Nitrophenol-d4	9.881	143	249278	12.771	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.416	165	458420	10.107	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.939	131	731033	9.669	ng/ul	-0.01
46) Dimethylphthalate-d6	14.039	166	1406436	9.549	ng/ul	0.00
49) Acenaphthylene-d8	14.321	160	1656993	9.626	ng/ul	0.00
54) 4-Nitrophenol-d4	14.816	143	286169	9.706	ng/ul	0.00
60) Fluorene-d10	15.616	176	1232494	9.488	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.733	200	223231	10.660	ng/ul	0.00
73) Anthracene-d10	17.468	188	1944799	9.791	ng/ul	-0.01
81) Pyrene-d10	19.762	212	2167653	10.320	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.844	264	2018982	9.888	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	83611	4.446	ng/uL	96
5) Pyridine	3.810	79	580347	11.206	ng/ul	97
6) Benzaldehyde	7.122	77	374012	12.607	ng/ul	97
8) Phenol	7.169	94	663277	10.117	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.410	93	540716	10.359	ng/ul	98
12) 2-Chlorophenol	7.545	128	494878	10.527	ng/ul	98
13) 2-Methylphenol	8.428	108	489696	9.992	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.528	45	727827	11.107	ng/ul	99
16) Acetophenone	8.816	105	836039	9.968	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.804	70	436735	11.337	ng/ul	96
18) 4-Methylphenol	8.757	108	542242	9.965	ng/ul	99
19) Hexachloroethane	9.075	117	207861	11.036	ng/ul	95
22) Nitrobenzene	9.198	77	635079	11.144	ng/ul	100
23) Isophorone	9.728	82	1213051	10.465	ng/ul	100
25) 2-Nitrophenol	9.910	139	276066	11.927	ng/ul	97
26) 2,4-Dimethylphenol	9.969	107	581844	10.231	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.210	93	741618	10.425	ng/ul	99
29) 2,4-Dichlorophenol	10.445	162	461624	10.040	ng/ul	99
30) Naphthalene	10.851	128	1678825	9.915	ng/ul	99
32) 4-Chloroaniline	10.963	127	742564	9.701	ng/ul	99
33) Hexachlorobutadiene	11.139	225	276225	9.655	ng/ul	99
34) Caprolactam	11.733	113	89068	5.649	ng/ul	98
35) 4-Chloro-3-methylphenol	12.075	107	534706	10.287	ng/ul	94
36) 2-Methylnaphthalene	12.457	142	1093585	9.895	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.675	142	1101965	9.896	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.822	216	539028	9.477	ng/ul	98
40) Hexachlorocyclopentadiene	12.804	237	327769	10.681	ng/ul	96
41) 2,4,6-Trichlorophenol	13.063	196	356793	9.945	ng/ul	98
42) 2,4,5-Trichlorophenol	13.127	196	391208	9.907	ng/ul	99
43) 1,1'-Biphenyl	13.463	154	1467694	9.785	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	1144070	9.671	ng/ul	99
45) 2-Nitroaniline	13.710	65	351180	13.155	ng/ul	97
47) Dimethylphthalate	14.086	163	1427961	9.567	ng/ul	99
48) 2,6-Dinitrotoluene	14.204	165	267044	11.307	ng/ul	99
50) Acenaphthylene	14.351	152	1854493	9.714	ng/ul	100
51) 3-Nitroaniline	14.527	138	298974	10.086	ng/ul	97
52) Acenaphthene	14.692	153	1275171	9.704	ng/ul	99
53) 2,4-Dinitrophenol	14.733	184	137535	10.243	ng/ul	94
55) 4-Nitrophenol	14.827	109	233975	9.935	ng/ul	97
56) Dibenzofuran	15.021	168	1761369	9.654	ng/ul	99
57) 2,4-Dinitrotoluene	14.986	165	404195	11.071	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.245	232	336204	9.780	ng/ul	97
59) Diethylphthalate	15.445	149	1459641	9.883	ng/ul	99
61) Fluorene	15.674	166	1472747	9.628	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.668	204	691228	9.360	ng/ul	98
63) 4-Nitroaniline	15.692	138	306492	9.996	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.745	198	226298	10.442	ng/ul	93
67) N-Nitrosodiphenylamine	15.880	169	1216456	9.985	ng/ul	99
68) 4-Bromophenyl-phenylether	16.563	248	393539	9.492	ng/ul	98
69) Hexachlorobenzene	16.674	284	458788	9.136	ng/ul	98
70) Atrazine	16.833	200	399907	9.703	ng/ul	99
71) Pentachlorophenol	17.015	266	280509	9.187	ng/ul	98
72) Phenanthrene	17.415	178	2259933	9.710	ng/ul	100
74) Anthracene	17.504	178	2333194	9.846	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.427	216	552091	9.725	ng/uL	100
76) Pentachlorobenzene	14.945	250	558578	9.576	ng/uL	100
77) Carbazole	17.774	167	2141261	9.731	ng/ul	99
78) Di-n-butylphthalate	18.339	149	2484065	11.095	ng/ul	100
80) Fluoranthene	19.427	202	2522135	10.441	ng/ul	98
82) Pyrene	19.786	202	2751640	10.388	ng/ul	97
83) Butylbenzylphthalate	20.686	149	1094980	15.557	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.468	252	875628	11.702	ng/ul	99
85) Benzo(a)anthracene	21.539	228	2684885	10.175	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.468	149	1679767	14.356	ng/ul	98
87) Chrysene	21.592	228	2550515	9.885	ng/ul	99
89) Di-n-octyl phthalate	22.409	149	2784167	13.666	ng/ul	100
90) Benzo(b)fluoranthene	23.250	252	2648262	10.527	ng/ul	98
91) Benzo(k)fluoranthene	23.303	252	2506485	9.699	ng/ul	99
93) Benzo(a)pyrene	23.891	252	2256533	9.683	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.550	276	2647283	8.594	ng/ul	97
95) Dibenzo(a,h)anthracene	26.568	278	2235765	8.603	ng/ul	98
96) Benzo(g,h,i)perylene	27.332	276	2103310	8.339	ng/ul	98

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

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