Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038925.D
Acq On : 08 Mar 2023 09:59
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020105

Quant Time: Mar 08 11:56:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.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	7.998	152	336935	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1485733	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.633	164	935049	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	1968059	20.000	ng/ul	0.00
79) Chrysene-d12	21.556	240	1916764	20.000	ng/ul	0.00
88) Perylene-d12	24.009	264	2112251	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	69421	7.693	ng/uL	0.00
4) Pyridine-d5	3.798	84	495428	19.970	ng/ul	0.00
7) Phenol-d5	7.151	99	576353	18.246	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	366757	18.171	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	457149	19.421	ng/ul	0.00
15) 4-Methylphenol-d8	8.704	113	454255	18.254	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	226625	21.728	ng/ul	0.00
24) 2-Nitrophenol-d4	9.892	143	234639	24.008	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.427	165	445567	19.619	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	682111	18.019	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	1331969	18.392	ng/ul	0.00
49) Acenaphthylene-d8	14.333	160	1592929	18.819	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	273518	18.866	ng/ul	0.00
60) Fluorene-d10	15.627	176	1194078	18.695	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	195878	19.144	ng/ul	0.00
73) Anthracene-d10	17.480	188	1837820	18.938	ng/ul	0.00
81) Pyrene-d10	19.768	212	2050435	19.450	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.850	264	2092950	19.662	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	76002	7.837	ng/uL	98
5) Pyridine	3.822	79	533393	19.972	ng/ul	95
6) Benzaldehyde	7.134	77	335964	21.960	ng/ul	98
8) Phenol	7.181	94	613270	18.139	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.422	93	491958	18.277	ng/ul	99
12) 2-Chlorophenol	7.557	128	468531	19.326	ng/ul	98
13) 2-Methylphenol	8.439	108	453641	17.950	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.533	45	608488	18.008	ng/ul	100
16) Acetophenone	8.828	105	774153	17.899	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.816	70	377140	18.985	ng/ul	98
18) 4-Methylphenol	8.769	108	510216	18.182	ng/ul	99
19) Hexachloroethane	9.086	117	193551	19.928	ng/ul	97
22) Nitrobenzene	9.210	77	568693	19.930	ng/ul	99
23) Isophorone	9.739	82	1079049	18.591	ng/ul	98
25) 2-Nitrophenol	9.922	139	258283	22.285	ng/ul	98
26) 2,4-Dimethylphenol	9.980	107	545478	19.157	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.222	93	675486	18.965	ng/ul	100
29) 2,4-Dichlorophenol	10.457	162	449928	19.543	ng/ul	99
30) Naphthalene	10.869	128	1593712	18.799	ng/ul	100
32) 4-Chloroaniline	10.974	127	696334	18.168	ng/ul	98
33) Hexachlorobutadiene	11.151	225	271456	18.950	ng/ul	99
34) Caprolactam	11.739	113	138879	17.592	ng/ul	98
35) 4-Chloro-3-methylphenol	12.086	107	494219	18.989	ng/ul	99
36) 2-Methylnaphthalene	12.469	142	1044572	18.876	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.686	142	1043374	18.713	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.833	216	527078	18.845	ng/ul	99
40) Hexachlorocyclopentadiene	12.816	237	295439	19.578	ng/ul	98
41) 2,4,6-Trichlorophenol	13.068	196	349639	19.819	ng/ul	98
42) 2,4,5-Trichlorophenol	13.139	196	387515	19.958	ng/ul	98
43) 1,1'-Biphenyl	13.474	154	1408660	19.100	ng/ul	98
44) 2-Chloronaphthalene	13.515	162	1106749	19.026	ng/ul	98
45) 2-Nitroaniline	13.715	65	304304	23.181	ng/ul	99
47) Dimethylphthalate	14.092	163	1342157	18.287	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	247429	21.305	ng/ul	99
50) Acenaphthylene	14.357	152	1762947	18.779	ng/ul	100
51) 3-Nitroaniline	14.539	138	287931	19.753	ng/ul	95
52) Acenaphthene	14.698	153	1203241	18.620	ng/ul	98
53) 2,4-Dinitrophenol	14.739	184	118900	18.008	ng/ul	95
55) 4-Nitrophenol	14.833	109	216876	18.728	ng/ul	97
56) Dibenzofuran	15.033	168	1682462	18.754	ng/ul	99
57) 2,4-Dinitrotoluene	14.992	165	370374	20.630	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.257	232	326289	19.302	ng/ul	97
59) Diethylphthalate	15.457	149	1342648	18.487	ng/ul	99
61) Fluorene	15.680	166	1395891	18.558	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.674	204	671055	18.480	ng/ul	98
63) 4-Nitroaniline	15.698	138	299832	19.888	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.751	198	201376	19.018	ng/ul	96
67) N-Nitrosodiphenylamine	15.886	169	1131567	19.010	ng/ul	99
68) 4-Bromophenyl-phenylether	16.568	248	370415	18.286	ng/ul	99
69) Hexachlorobenzene	16.680	284	447252	18.229	ng/ul	98
70) Atrazine	16.839	200	373144	18.530	ng/ul	98
71) Pentachlorophenol	17.027	266	272979	18.299	ng/ul	99
72) Phenanthrene	17.421	178	2115870	18.608	ng/ul	100
74) Anthracene	17.515	178	2176988	18.803	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.439	216	536540	19.345	ng/uL	100
76) Pentachlorobenzene	14.951	250	541950	19.017	ng/uL	98
77) Carbazole	17.780	167	1985972	18.472	ng/ul	99
78) Di-n-butylphthalate	18.350	149	2196340	20.079	ng/ul	100
80) Fluoranthene	19.433	202	2382633	19.651	ng/ul	99
82) Pyrene	19.797	202	2590698	19.485	ng/ul	98
83) Butylbenzylphthalate	20.692	149	972214	27.519	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.474	252	769294	20.482	ng/ul	99
85) Benzo(a)anthracene	21.544	228	2566322	19.377	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.474	149	1458076	24.827	ng/ul	98
87) Chrysene	21.597	228	2481784	19.162	ng/ul	100
89) Di-n-octyl phthalate	22.415	149	2424079	22.824	ng/ul	100
90) Benzo(b)fluoranthene	23.262	252	2657455	20.263	ng/ul	100
91) Benzo(k)fluoranthene	23.309	252	2602483	19.318	ng/ul	99
93) Benzo(a)pyrene	23.897	252	2353289	19.370	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.562	276	2825672	17.595	ng/ul	99
95) Dibenzo(a,h)anthracene	26.579	278	2383418	17.592	ng/ul	99
96) Benzo(g,h,i)perylene	27.344	276	2238536	17.023	ng/ul	99

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

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