Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030223\
Data File : BM038849.D
Acq On : 02 Mar 2023 23:06
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020100

Quant Time: Mar 03 00:18:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 01 02:09:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	267238	20.000	ng/ul	0.00
20) Naphthalene-d8	10.828	136	1221906	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.645	164	780721	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	1704256	20.000	ng/ul	0.00
79) Chrysene-d12	21.562	240	1708506	20.000	ng/ul	0.00
88) Perylene-d12	24.015	264	1949552	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	58568	8.184	ng/uL	0.00
4) Pyridine-d5	3.799	84	420885	21.389	ng/ul	0.00
7) Phenol-d5	7.157	99	519095	20.719	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	330398	20.639	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	409079	21.912	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	411214	20.834	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	197510	23.025	ng/ul	0.00
24) 2-Nitrophenol-d4	9.898	143	194822	24.238	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	404892	21.678	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	636919	20.458	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	1271846	21.033	ng/ul	0.00
49) Acenaphthylene-d8	14.339	160	1520010	21.507	ng/ul	0.00
54) 4-Nitrophenol-d4	14.822	143	255500	21.107	ng/ul	0.00
60) Fluorene-d10	15.633	176	1135816	21.298	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	179238	20.230	ng/ul	0.00
73) Anthracene-d10	17.486	188	1798400	21.400	ng/ul	0.00
81) Pyrene-d10	19.774	212	2045766	21.771	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.862	264	2153909	21.924	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	62839	8.170	ng/uL	98
5) Pyridine	3.822	79	442669	20.897	ng/ul	95
6) Benzaldehyde	7.140	77	305564	25.182	ng/ul	98
8) Phenol	7.187	94	556394	20.749	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.428	93	442489	20.727	ng/ul	99
12) 2-Chlorophenol	7.569	128	418064	21.742	ng/ul	96
13) 2-Methylphenol	8.446	108	416029	20.755	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.551	45	545099	20.339	ng/ul	99
16) Acetophenone	8.834	105	721436	21.031	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.822	70	348661	22.129	ng/ul	100
18) 4-Methylphenol	8.775	108	464988	20.892	ng/ul	97
19) Hexachloroethane	9.098	117	168704	21.899	ng/ul	98
22) Nitrobenzene	9.216	77	502844	21.427	ng/ul	99
23) Isophorone	9.745	82	1008809	21.134	ng/ul	99
25) 2-Nitrophenol	9.934	139	224877	23.592	ng/ul	96
26) 2,4-Dimethylphenol	9.992	107	501035	21.395	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.234	93	614770	20.987	ng/ul	98
29) 2,4-Dichlorophenol	10.463	162	410776	21.695	ng/ul	99
30) Naphthalene	10.875	128	1467782	21.051	ng/ul	100
32) 4-Chloroaniline	10.981	127	644616	20.450	ng/ul	98
33) Hexachlorobutadiene	11.163	225	247704	21.026	ng/ul	99
34) Caprolactam	11.739	113	134028	20.643	ng/ul	95
35) 4-Chloro-3-methylphenol	12.098	107	456798	21.340	ng/ul	99
36) 2-Methylnaphthalene	12.481	142	969508	21.303	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.698	142	965364	21.053	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.845	216	494432	21.172	ng/ul	99
40) Hexachlorocyclopentadiene	12.828	237	268867	21.339	ng/ul	95
41) 2,4,6-Trichlorophenol	13.081	196	325386	22.090	ng/ul	98
42) 2,4,5-Trichlorophenol	13.145	196	356151	21.968	ng/ul	99
43) 1,1'-Biphenyl	13.486	154	1308591	21.250	ng/ul	98
44) 2-Chloronaphthalene	13.522	162	1039212	21.396	ng/ul	99
45) 2-Nitroaniline	13.722	65	262879	23.984	ng/ul	98
47) Dimethylphthalate	14.104	163	1279107	20.873	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	226894	23.398	ng/ul	99
50) Acenaphthylene	14.369	152	1676178	21.384	ng/ul	99
51) 3-Nitroaniline	14.545	138	265737	21.834	ng/ul	92
52) Acenaphthene	14.710	153	1140279	21.134	ng/ul	99
53) 2,4-Dinitrophenol	14.745	184	107174	19.441	ng/ul	95
55) 4-Nitrophenol	14.839	109	204290	21.129	ng/ul	97
56) Dibenzofuran	15.039	168	1600717	21.370	ng/ul	99
57) 2,4-Dinitrotoluene	14.998	165	344787	23.001	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.263	232	311230	22.050	ng/ul	98
59) Diethylphthalate	15.463	149	1294665	21.350	ng/ul	99
61) Fluorene	15.692	166	1345244	21.420	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.686	204	641723	21.165	ng/ul	99
63) 4-Nitroaniline	15.704	138	286765	22.781	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.757	198	186757	20.367	ng/ul	98
67) N-Nitrosodiphenylamine	15.898	169	1101120	21.362	ng/ul	100
68) 4-Bromophenyl-phenylether	16.580	248	362999	20.694	ng/ul	95
69) Hexachlorobenzene	16.692	284	443788	20.888	ng/ul	98
70) Atrazine	16.845	200	365692	20.971	ng/ul	100
71) Pentachlorophenol	17.033	266	265788	20.574	ng/ul	98
72) Phenanthrene	17.427	178	2066695	20.988	ng/ul	100
74) Anthracene	17.521	178	2131069	21.255	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.445	216	509649	21.219	ng/uL	99
76) Pentachlorobenzene	14.957	250	526296	21.326	ng/uL	98
77) Carbazole	17.786	167	1963325	21.088	ng/ul	99
78) Di-n-butylphthalate	18.357	149	2111684	22.294	ng/ul	100
80) Fluoranthene	19.439	202	2355901	21.799	ng/ul	98
82) Pyrene	19.804	202	2568879	21.676	ng/ul	98
83) Butylbenzylphthalate	20.704	149	855546	27.169	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.480	252	703609	21.017	ng/ul	100
85) Benzo(a)anthracene	21.551	228	2561159	21.696	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.486	149	1347870	25.748	ng/ul	98
87) Chrysene	21.604	228	2488704	21.558	ng/ul	100
89) Di-n-octyl phthalate	22.433	149	2123074	21.658	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	2641684	21.823	ng/ul	100
91) Benzo(k)fluoranthene	23.321	252	2736874	22.010	ng/ul	99
93) Benzo(a)pyrene	23.909	252	2438018	21.742	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.580	276	3175592	21.424	ng/ul	99
95) Dibenzo(a,h)anthracene	26.597	278	2655420	21.235	ng/ul	99
96) Benzo(g,h,i)perylene	27.368	276	2597560	21.402	ng/ul	99

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

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