Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042423\
Data File : BM039631.D
Acq On : 25 Apr 2023 01:19
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020123

Quant Time: Apr 25 02:19:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Apr 23 00:18:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	249065	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.613	136	1138093	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.466	164	710206	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.218	188	1495977	20.000	ng/ul	-0.01
79) Chrysene-d12	21.412	240	1348086	20.000	ng/ul	0.00
88) Perylene-d12	23.777	264	1323042	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.207	96	54497	8.399	ng/uL	0.00
4) Pyridine-d5	3.631	84	352204	19.318	ng/ul	0.00
7) Phenol-d5	6.990	99	469059	20.577	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.143	67	324131	21.512	ng/ul	0.00
11) 2-Chlorophenol-d4	7.343	132	372297	20.820	ng/ul	0.00
15) 4-Methylphenol-d8	8.542	113	378165	20.594	ng/ul	0.00
21) Nitrobenzene-d5	8.984	128	190631	20.820	ng/ul	0.00
24) 2-Nitrophenol-d4	9.707	143	215153	20.926	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.248	165	365086	20.637	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.766	131	529783	20.051	ng/ul	-0.01
46) Dimethylphthalate-d6	13.883	166	1154440	20.155	ng/ul	0.00
49) Acenaphthylene-d8	14.160	160	1343985	20.887	ng/ul	0.00
54) 4-Nitrophenol-d4	14.713	143	142672	16.459	ng/ul	-0.02
60) Fluorene-d10	15.466	176	966250	20.590	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.601	200	192512	19.365	ng/ul	0.00
73) Anthracene-d10	17.318	188	1501446	20.870	ng/ul	0.00
81) Pyrene-d10	19.618	212	1725317	19.260	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.624	264	1474477	20.642	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.243	88	59809	8.423	ng/uL	97
5) Pyridine	3.649	79	370770	19.286	ng/ul	98
6) Benzaldehyde	6.954	77	251091	25.782	ng/ul	98
8) Phenol	7.019	94	494781	20.847	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.237	93	414469	20.945	ng/ul	96
12) 2-Chlorophenol	7.372	128	378233	21.020	ng/ul	97
13) 2-Methylphenol	8.272	108	375484	20.368	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.342	45	607335	22.097	ng/ul	98
16) Acetophenone	8.642	105	638840	21.181	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.625	70	364416	21.830	ng/ul	94
18) 4-Methylphenol	8.601	108	417212	20.963	ng/ul	99
19) Hexachloroethane	8.884	117	167738	20.525	ng/ul	98
22) Nitrobenzene	9.025	77	496382	21.956	ng/ul	96
23) Isophorone	9.548	82	1021727	21.194	ng/ul	99
25) 2-Nitrophenol	9.736	139	226596	21.123	ng/ul	93
26) 2,4-Dimethylphenol	9.801	107	465726	21.245	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.036	93	591369	20.861	ng/ul	99
29) 2,4-Dichlorophenol	10.278	162	361176	20.726	ng/ul	99
30) Naphthalene	10.666	128	1319474	20.954	ng/ul	99
32) 4-Chloroaniline	10.789	127	517872	19.892	ng/ul	100
33) Hexachlorobutadiene	10.942	225	229169	19.958	ng/ul	98
34) Caprolactam	11.578	113	128699	19.832	ng/ul	99
35) 4-Chloro-3-methylphenol	11.930	107	425482	20.912	ng/ul	97
36) 2-Methylnaphthalene	12.283	142	861535	20.409	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.501	142	867575	20.452	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.654	216	441860	20.727	ng/ul	99
40) Hexachlorocyclopentadiene	12.625	237	226323	17.819	ng/ul	100
41) 2,4,6-Trichlorophenol	12.907	196	289892	20.355	ng/ul	98
42) 2,4,5-Trichlorophenol	12.989	196	308119	20.816	ng/ul	99
43) 1,1'-Biphenyl	13.301	154	1136924	20.714	ng/ul	99
44) 2-Chloronaphthalene	13.342	162	903260	20.979	ng/ul	99
45) 2-Nitroaniline	13.566	65	283938	22.853	ng/ul	96
47) Dimethylphthalate	13.930	163	1158160	20.423	ng/ul	100
48) 2,6-Dinitrotoluene	14.060	165	233880	20.392	ng/ul	96
50) Acenaphthylene	14.189	152	1457922	21.181	ng/ul	100
51) 3-Nitroaniline	14.395	138	217709	20.252	ng/ul	98
52) Acenaphthene	14.530	153	999340	21.088	ng/ul	99
53) 2,4-Dinitrophenol	14.613	184	131752	21.580	ng/ul	95
55) 4-Nitrophenol	14.724	109	112581	17.098	ng/ul	91
56) Dibenzofuran	14.866	168	1357705	21.078	ng/ul	99
57) 2,4-Dinitrotoluene	14.854	165	338646	21.250	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.101	232	268993	20.303	ng/ul	97
59) Diethylphthalate	15.295	149	1179828	20.070	ng/ul	100
61) Fluorene	15.518	166	1128407	21.178	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.513	204	547913	20.747	ng/ul	99
63) 4-Nitroaniline	15.560	138	181624	22.032	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.618	198	184044	19.256	ng/ul	93
67) N-Nitrosodiphenylamine	15.730	169	918063	20.598	ng/ul	99
68) 4-Bromophenyl-phenylether	16.407	248	321212	19.880	ng/ul	98
69) Hexachlorobenzene	16.524	284	373847	20.141	ng/ul	99
70) Atrazine	16.689	200	334175	20.205	ng/ul	99
71) Pentachlorophenol	16.877	266	216245	19.929	ng/ul	99
72) Phenanthrene	17.265	178	1723826	20.756	ng/ul	99
74) Anthracene	17.354	178	1767769	21.217	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.260	216	457530	20.536	ng/uL	100
76) Pentachlorobenzene	14.783	250	455189	20.757	ng/uL	99
77) Carbazole	17.636	167	1548893	20.920	ng/ul	100
78) Di-n-butylphthalate	18.189	149	2032140	19.405	ng/ul	99
80) Fluoranthene	19.283	202	1995483	19.005	ng/ul	99
82) Pyrene	19.648	202	2111633	19.427	ng/ul	99
83) Butylbenzylphthalate	20.548	149	919964	17.930	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.336	252	604570	20.223	ng/ul	100
85) Benzo(a)anthracene	21.400	228	1972135	20.226	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.324	149	1339989	17.562	ng/ul	100
87) Chrysene	21.453	228	1884652	20.263	ng/ul	100
89) Di-n-octyl phthalate	22.230	149	2226469	16.749	ng/ul	100
90) Benzo(b)fluoranthene	23.059	252	1818100	19.530	ng/ul	100
91) Benzo(k)fluoranthene	23.106	252	1894927	20.727	ng/ul	100
93) Benzo(a)pyrene	23.671	252	1613148	20.558	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.218	276	1839972	21.318	ng/ul	99
95) Dibenzo(a,h)anthracene	26.230	278	1536807	21.475	ng/ul	100
96) Benzo(g,h,i)perylene	26.971	276	1431664	20.822	ng/ul	99

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

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