Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043411.D
Acq On : 19 Dec 2023 02:34
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020168

Quant Time: Dec 19 03:03:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 22:09:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	421190	20.000	ng/ul	0.00
20) Naphthalene-d8	10.798	136	1837553	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.621	164	943303	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.362	188	1573085	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	1123951	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	1250068	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	94484	7.291	ng/uL	0.00
4) Pyridine-d5	3.810	84	703432	18.859	ng/ul	0.00
7) Phenol-d5	7.151	99	891516	18.607	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	572186	18.856	ng/ul	0.00
11) 2-Chlorophenol-d4	7.522	132	675160	18.455	ng/ul	0.00
15) 4-Methylphenol-d8	8.704	113	687932	18.502	ng/ul	0.00
21) Nitrobenzene-d5	9.163	128	339868	19.117	ng/ul	0.00
24) 2-Nitrophenol-d4	9.886	143	347790	18.933	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	614074	18.937	ng/ul	0.00
31) 4-Chloroaniline-d4	10.945	131	868132	18.197	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	1555150	18.314	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	1928273	19.142	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	282803	17.596	ng/ul	0.00
60) Fluorene-d10	15.616	176	1266096	18.031	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	177006	17.014	ng/ul	0.00
73) Anthracene-d10	17.462	188	1673097	18.965	ng/ul	0.00
81) Pyrene-d10	19.751	212	1535370	17.303	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.809	264	1425911	18.484	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	102251	7.142	ng/uL	97
5) Pyridine	3.828	79	728148	18.878	ng/ul	99
6) Benzaldehyde	7.134	77	436574	19.217	ng/ul	99
8) Phenol	7.181	94	885744	18.790	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.422	93	720061	18.816	ng/ul	99
12) 2-Chlorophenol	7.551	128	692377	18.579	ng/ul	99
13) 2-Methylphenol	8.434	108	662742	18.516	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.522	45	1215199	18.910	ng/ul	99
16) Acetophenone	8.828	105	1041391	18.294	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.810	70	589586	17.353	ng/ul	99
18) 4-Methylphenol	8.769	108	716014	18.458	ng/ul	100
19) Hexachloroethane	9.069	117	292354	18.605	ng/ul	99
22) Nitrobenzene	9.210	77	848165	19.277	ng/ul	99
23) Isophorone	9.734	82	1576153	17.660	ng/ul	99
25) 2-Nitrophenol	9.916	139	377195	19.320	ng/ul	99
26) 2,4-Dimethylphenol	9.975	107	670972	19.293	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.222	93	972756	18.458	ng/ul	99
29) 2,4-Dichlorophenol	10.445	162	585804	18.615	ng/ul	98
30) Naphthalene	10.851	128	2194868	18.742	ng/ul	100
32) 4-Chloroaniline	10.969	127	844616	18.411	ng/ul	98
33) Hexachlorobutadiene	11.122	225	307120	19.141	ng/ul	99
34) Caprolactam	11.751	113	170356	16.940	ng/ul	98
35) 4-Chloro-3-methylphenol	12.086	107	640692	17.333	ng/ul	98
36) 2-Methylnaphthalene	12.457	142	1434202	17.991	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.675	142	1440692	17.918	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.816	216	559814	19.477	ng/ul	99
40) Hexachlorocyclopentadiene	12.786	237	325667	18.059	ng/ul	96
41) 2,4,6-Trichlorophenol	13.063	196	385167	18.853	ng/ul	98
42) 2,4,5-Trichlorophenol	13.127	196	404078	18.628	ng/ul	97
43) 1,1'-Biphenyl	13.463	154	1748423	19.444	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	1355953	19.669	ng/ul	99
45) 2-Nitroaniline	13.716	65	433484	18.751	ng/ul	99
47) Dimethylphthalate	14.092	163	1550876	18.493	ng/ul	100
48) 2,6-Dinitrotoluene	14.216	165	299834	18.493	ng/ul	100
50) Acenaphthylene	14.345	152	2222702	19.215	ng/ul	99
51) 3-Nitroaniline	14.539	138	348311	18.714	ng/ul	98
52) Acenaphthene	14.686	153	1439958	18.887	ng/ul	100
53) 2,4-Dinitrophenol	14.745	184	163367	18.928	ng/ul	96
55) 4-Nitrophenol	14.839	109	221374	17.738	ng/ul	97
56) Dibenzofuran	15.021	168	1813418	18.417	ng/ul	100
57) 2,4-Dinitrotoluene	14.992	165	409022	17.856	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.245	232	283470	17.056	ng/ul	98
59) Diethylphthalate	15.451	149	1578232	18.364	ng/ul	99
61) Fluorene	15.668	166	1515012	18.011	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.668	204	656292	17.737	ng/ul	99
63) 4-Nitroaniline	15.698	138	331253	19.444	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.751	198	193605	17.430	ng/ul	100
67) N-Nitrosodiphenylamine	15.880	169	1198475	19.835	ng/ul	99
68) 4-Bromophenyl-phenylether	16.563	248	358851	19.255	ng/ul	99
69) Hexachlorobenzene	16.663	284	405780	19.005	ng/ul	98
70) Atrazine	16.833	200	217116	16.393	ng/ul	100
71) Pentachlorophenol	17.010	266	220469	17.080	ng/ul	97
72) Phenanthrene	17.410	178	2022007	18.965	ng/ul	100
74) Anthracene	17.498	178	2049575	19.048	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.422	216	551025	21.329	ng/uL	100
76) Pentachlorobenzene	14.933	250	507419	20.171	ng/uL	98
77) Carbazole	17.774	167	1826284	19.887	ng/ul	100
78) Di-n-butylphthalate	18.339	149	2498687	20.812	ng/ul	100
80) Fluoranthene	19.415	202	1904517	17.332	ng/ul	99
82) Pyrene	19.780	202	1964051	17.386	ng/ul	99
83) Butylbenzylphthalate	20.686	149	972397	19.909	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.462	252	533027	19.256	ng/ul	98
85) Benzo(a)anthracene	21.527	228	1773488	18.870	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.462	149	1485227	21.360	ng/ul	99
87) Chrysene	21.580	228	1623213	19.198	ng/ul	99
89) Di-n-octyl phthalate	22.409	149	2408694	20.143	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	1731317	18.073	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	1732300	18.541	ng/ul	100
93) Benzo(a)pyrene	23.856	252	1620998	18.547	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.491	276	2017173	19.329	ng/ul	99
95) Dibenzo(a,h)anthracene	26.521	278	1684436	19.492	ng/ul	99
96) Benzo(g,h,i)perylene	27.268	276	1599745	19.555	ng/ul	98

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

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