Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092421\
Data File : BM032139.D
Acq On : 24 Sep 2021 20:11
Operator : CG/JU
Sample : SSTD04035
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD040042

Quant Time: Sep 25 00:20:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 25 00:18:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	435658	20.000	ng/ul	0.00
20) Naphthalene-d8	10.466	136	1847477	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.319	164	1125293	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.042	188	2110690	20.000	ng/ul	0.00
79) Chrysene-d12	21.200	240	1612962	20.000	ng/ul	0.00
88) Perylene-d12	23.371	264	1508101	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.990	96	166660	15.761	ng/uL	0.00
4) Pyridine-d5	3.413	84	1214018	36.213	ng/ul	0.00
7) Phenol-d5	6.854	99	1426737	35.835	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.995	67	861523	35.950	ng/ul	0.00
11) 2-Chlorophenol-d4	7.207	132	1123565	39.509	ng/ul	0.00
15) 4-Methylphenol-d8	8.401	113	1116564	34.694	ng/ul	0.00
21) Nitrobenzene-d5	8.825	128	495970	47.131	ng/ul	0.00
24) 2-Nitrophenol-d4	9.548	143	538305	53.944	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.095	165	1126996	41.793	ng/ul	0.00
31) 4-Chloroaniline-d4	10.595	131	1504103	37.700	ng/ul	0.00
46) Dimethylphthalate-d6	13.719	166	3002969	38.203	ng/ul	0.00
49) Acenaphthylene-d8	14.007	160	3884892	39.225	ng/ul	0.00
54) 4-Nitrophenol-d4	14.519	143	499817	39.428	ng/ul	0.00
60) Fluorene-d10	15.307	176	2538724	38.897	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.418	200	420314	54.475	ng/ul	0.00
73) Anthracene-d10	17.142	188	3628546	39.993	ng/ul	0.00
81) Pyrene-d10	19.424	212	3571349	45.603	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.236	264	3052199	41.215	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	181642	15.179	ng/uL	99
5) Pyridine	3.431	79	1191381	36.187	ng/ul	97
6) Benzaldehyde	6.790	77	887938	37.841	ng/ul	98
8) Phenol	6.878	94	1450229	35.770	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.084	93	1163952	36.830	ng/ul	99
12) 2-Chlorophenol	7.237	128	1162601	39.309	ng/ul	99
13) 2-Methylphenol	8.131	108	1107749	35.664	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.207	45	1591050	38.782	ng/ul	99
16) Acetophenone	8.489	105	1743960	35.003	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.484	70	872371	31.436	ng/ul	98
18) 4-Methylphenol	8.460	108	1182591	35.468	ng/ul	100
19) Hexachloroethane	8.760	117	474998	38.844	ng/ul	99
22) Nitrobenzene	8.866	77	1232070	41.330	ng/ul	99
23) Isophorone	9.389	82	2480687	33.789	ng/ul	100
25) 2-Nitrophenol	9.584	139	602284	52.223	ng/ul	97
26) 2,4-Dimethylphenol	9.654	107	1311957	37.342	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.872	93	1553062	37.025	ng/ul	100
29) 2,4-Dichlorophenol	10.119	162	1098077	41.590	ng/ul	99
30) Naphthalene	10.513	128	3658061	40.201	ng/ul	99
32) 4-Chloroaniline	10.619	127	1535743	37.614	ng/ul	100
33) Hexachlorobutadiene	10.825	225	730843	42.313	ng/ul	99
34) Caprolactam	11.354	113	330693	29.316	ng/ul	98
35) 4-Chloro-3-methylphenol	11.760	107	1172387	35.608	ng/ul	99
36) 2-Methylnaphthalene	12.130	142	2471135	38.597	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.348	142	2508726	38.495	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.513	216	1320870	43.889	ng/ul	98
40) Hexachlorocyclopentadiene	12.507	237	743150	41.552	ng/ul	99
41) 2,4,6-Trichlorophenol	12.748	196	857476	43.982	ng/ul	99
42) 2,4,5-Trichlorophenol	12.819	196	910429	44.401	ng/ul	100
43) 1,1'-Biphenyl	13.148	154	3270082	41.638	ng/ul	99
44) 2-Chloronaphthalene	13.189	162	2486227	41.726	ng/ul	99
45) 2-Nitroaniline	13.383	65	637489	47.550	ng/ul	99
47) Dimethylphthalate	13.766	163	2966704	37.875	ng/ul	99
48) 2,6-Dinitrotoluene	13.877	165	569425	51.330	ng/ul	98
50) Acenaphthylene	14.036	152	4023638	39.730	ng/ul	99
51) 3-Nitroaniline	14.213	138	585548	45.284	ng/ul	96
52) Acenaphthene	14.383	153	2577113	39.060	ng/ul	100
53) 2,4-Dinitrophenol	14.413	184	271298	47.179	ng/ul	91
55) 4-Nitrophenol	14.530	109	405550	33.408	ng/ul	97
56) Dibenzofuran	14.713	168	3671275	39.521	ng/ul	99
57) 2,4-Dinitrotoluene	14.666	165	775491	48.001	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.948	232	736522	42.608	ng/ul	97
59) Diethylphthalate	15.136	149	2903366	35.579	ng/ul	99
61) Fluorene	15.360	166	2800923	37.396	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.354	204	1437217	39.173	ng/ul	98
63) 4-Nitroaniline	15.371	138	522225	38.984	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.436	198	419604	52.627	ng/ul	97
67) N-Nitrosodiphenylamine	15.566	169	2462766	42.164	ng/ul	99
68) 4-Bromophenyl-phenylether	16.236	248	868154	43.586	ng/ul	97
69) Hexachlorobenzene	16.371	284	1000369	44.800	ng/ul	99
70) Atrazine	16.507	200	876270	38.842	ng/ul	99
71) Pentachlorophenol	16.707	266	597816	46.677	ng/ul	99
72) Phenanthrene	17.083	178	4259204	40.004	ng/ul	99
74) Anthracene	17.177	178	4320214	39.754	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.119	216	1382630	49.927	ng/uL	99
76) Pentachlorobenzene	14.648	250	1319960	48.294	ng/uL	99
77) Carbazole	17.436	167	3771889	38.294	ng/ul	100
78) Di-n-butylphthalate	17.995	149	4458347	36.167	ng/ul	99
80) Fluoranthene	19.089	202	4474536	45.171	ng/ul	99
82) Pyrene	19.453	202	4491523	44.873	ng/ul	98
83) Butylbenzylphthalate	20.342	149	1480902	37.723	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.118	252	1220468	35.861	ng/ul	99
85) Benzo(a)anthracene	21.183	228	3767836	38.631	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.112	149	2205596	37.010	ng/ul	98
87) Chrysene	21.236	228	3701552	39.242	ng/ul	99
89) Di-n-octyl phthalate	21.959	149	3491000	41.109	ng/ul	100
90) Benzo(b)fluoranthene	22.724	252	3718616	41.891	ng/ul	100
91) Benzo(k)fluoranthene	22.765	252	3459157	42.462	ng/ul	100
93) Benzo(a)pyrene	23.277	252	3548538	41.317	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.530	276	3852043	38.883	ng/ul	99
95) Dibenzo(a,h)anthracene	25.530	278	3303987	39.328	ng/ul	100
96) Benzo(g,h,i)perylene	26.194	276	3369728	39.619	ng/ul	99

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

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