Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM111320\
Data File : BM027806.D
Acq On : 13 Nov 2020 13:18
Operator : JU/CG
Sample : SSTD16006
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD160006

Quant Time: Nov 13 13:50:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111320.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 13 12:50:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	15844	20.00	ng/ul	0.00
20) Naphthalene-d8	11.22	136	63197	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.99	164	39364	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.70	188	86984	20.00	ng/ul	0.00
80) Chrysene-d12	21.80	240	82312	20.00	ng/ul	0.00
88) Perylene-d12	24.23	264	77657	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	22741	67.29	ng/uL	0.00
4) Pyridine-d5	3.99	84	176544	41.63	ng/ul	0.00
7) Phenol-d5	7.52	99	215608	161.83	ng/ul	0.02
9) Bis-(2-Chloroethyl)ether-d	7.69	67	122583	145.77	ng/ul	0.01
11) 2-Chlorophenol-d4	7.90	132	173471	179.06	ng/ul	0.01
15) 4-Methylphenol-d8	9.09	113	172357	164.65	ng/ul	0.02
21) Nitrobenzene-d5	9.56	128	84010	208.02	ng/ul	0.00
24) 2-Nitrophenol-d4	10.29	143	95837	222.37	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.83	165	192148	180.05	ng/ul	0.01
31) 4-Chloroaniline-d4	11.35	131	224864	169.98	ng/ul	0.01
46) Dimethylphthalate-d6	14.39	166	508879	170.92	ng/ul	0.01
49) Acenaphthylene-d8	14.69	160	657421	184.46	ng/ul	0.00
54) 4-Nitrophenol-d4	15.16	143	89317	188.25	ng/ul	0.03
60) Fluorene-d10	15.97	176	473855	171.17	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	16.08	200	91465	232.62	ng/ul	0.02
73) Anthracene-d10	17.70	188	86984	21.81	ng/ul	-0.09
81) Pyrene-d10	20.05	212	783015	182.78	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.09	264	729216	173.74	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	23645	61.134	ng/uL	91
5) Pyridine	4.01	79	171373	59.277	ng/ul	94
6) Benzaldehyde	7.50	77	107944	114.142	ng/ul#	89
8) Phenol	7.55	94	212064	150.703	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.79	93	162351	148.389	ng/ul	94
12) 2-Chlorophenol	7.94	128	174907	176.294	ng/ul	96
13) 2-Methylphenol	8.82	108	169410	161.444	ng/ul	90
14) 2,2'-oxybis(1-Chloropropan	8.92	45	220590	127.248	ng/ul#	93
16) Acetophenone	9.22	105	283089	165.076	ng/ul	99
17) N-Nitroso-di-n-propylamine	9.22	70	141441	149.314	ng/ul#	83
18) 4-Methylphenol	9.17	108	171443	155.981	ng/ul	100
19) Hexachloroethane	9.49	117	89156	198.812	ng/ul	91
22) Nitrobenzene	9.61	77	242600	204.850	ng/ul#	91
23) Isophorone	10.15	82	387641	146.606	ng/ul	99
25) 2-Nitrophenol	10.33	139	100575	212.333	ng/ul	95
26) 2,4-Dimethylphenol	10.37	107	223149	174.727	ng/ul	93
27) Bis(2-Chloroethoxy)methane	10.61	93	216984	142.488	ng/ul	97
29) 2,4-Dichlorophenol	10.86	162	182597	173.700	ng/ul	98
30) Naphthalene	11.27	128	581485	167.108	ng/ul	96
32) 4-Chloroaniline	11.37	127	217948	171.283	ng/ul#	88
33) Hexachlorobutadiene	11.55	225	146141	155.609	ng/ul	97
34) Caprolactam	12.17	113	29752	79.411	ng/ul	89

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.47	107	195561	166.913 ng/ul	93
36) 2-Methylnaphthalene	12.85	142	418846	163.496 ng/ul	98
37) 1-Methylnaphthalene	13.07	142	395416	159.154 ng/ul#	98
39) 1,2,4,5-Tetrachlorobenzene	13.21	216	248233	171.498 ng/ul	91
40) Hexachlorocyclopentadiene	13.19	237	180744	195.552 ng/ul	91
41) 2,4,6-Trichlorophenol	13.44	196	155003	189.333 ng/ul	96
42) 2,4,5-Trichlorophenol	13.51	196	163276	189.965 ng/ul	90
43) 1,1'-Biphenyl	13.84	154	551785	180.794 ng/ul	99
44) 2-Chloronaphthalene	13.89	162	440327	181.705 ng/ul	96
45) 2-Nitroaniline	14.07	65	152120	272.938 ng/ul	97
47) Dimethylphthalate	14.44	163	522883	170.109 ng/ul	99
48) 2,6-Dinitrotoluene	14.56	165	111549	228.711 ng/ul#	91
50) Acenaphthylene	14.72	152	631340	177.163 ng/ul	99
51) 3-Nitroaniline	14.89	138	96985	199.199 ng/ul#	95
52) Acenaphthene	15.06	153	451522	179.014 ng/ul	96
53) 2,4-Dinitrophenol	15.08	184	70697	247.715 ng/ul#	75
55) 4-Nitrophenol	15.18	109	128749	275.101 ng/ul	87
56) Dibenzofuran	15.39	168	626996	169.413 ng/ul	96
57) 2,4-Dinitrotoluene	15.33	165	158019	237.721 ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.60	232	144410	178.700 ng/ul	97
59) Diethylphthalate	15.78	149	535358	176.134 ng/ul	98
61) Fluorene	16.03	166	540217	177.297 ng/ul	94
62) 4-Chlorophenyl-phenylether	16.01	204	282892	164.365 ng/ul	96
63) 4-Nitroaniline	16.04	138	100368	180.074 ng/ul	96
66) 4,6-Dinitro-2-methylphenol	16.09	198	98025	226.941 ng/ul	97
67) N-Nitrosodiphenylamine	16.22	169	433886	173.577 ng/ul	95
68) 4-Bromophenyl-phenylether	16.89	248	168483	154.632 ng/ul	97
69) Hexachlorobenzene	17.02	284	188893	212.039 ng/ul	94
70) Atrazine	17.15	200	170240	165.942 ng/ul	95
71) Pentachlorophenol	17.35	266	122823	187.258 ng/ul	92
72) Phenanthrene	17.75	178	847877	177.737 ng/ul	98
74) Anthracene	17.84	178	853372	177.603 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.81	216	243981	180.581 ng/uL	99
76) Pentachlorobenzene	15.30	250	229000	165.310 ng/uL	93
77) Carbazole	18.10	167	701285	181.281 ng/ul	98
78) Di-n-butylphthalate	18.63	149	884279	187.324 ng/ul	97
79) Fluoranthene	19.72	202	1026375	170.866 ng/ul	98
82) Pyrene	20.08	202	1033330	195.050 ng/ul#	97
83) Butylbenzylphthalate	20.93	149	401399	215.648 ng/ul	94
84) 3,3'-Dichlorobenzidine	21.70	252	257763	136.513 ng/ul	95
85) Benzo(a)anthracene	21.79	228	965622	177.844 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.68	149	565787	206.539 ng/ul	97
87) Chrysene	21.84	228	921919	175.762 ng/ul	99
89) Di-n-octyl phthalate	22.61	149	946135	219.886 ng/ul	100
90) Benzo(b)fluoranthene	23.50	252	935750	182.158 ng/ul#	96
91) Benzo(k)fluoranthene	23.56	252	879193	174.984 ng/ul	96
93) Benzo(a)pyrene	24.14	252	824655	174.608 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.80	276	1716578	299.466 ng/ul#	89
95) Dibenzo(a,h)anthracene	26.80	278	1445469	304.027 ng/ul	96
96) Benzo(g,h,i)perylene	27.57	276	1431642	299.563 ng/ul#	94

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

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