Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111820\
Data File : BM027830.D
Acq On : 18 Nov 2020 14:41
Operator : JU/CG
Sample : SSTD01003
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD010003

Quant Time: Nov 18 16:08:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111820.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 18 16:04:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	40275	20.00	ng/ul	0.00
20) Naphthalene-d8	11.17	136	172530	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.95	164	112159	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.67	188	243114	20.00	ng/ul	0.00
79) Chrysene-d12	21.77	240	203965	20.00	ng/ul	0.00
88) Perylene-d12	24.20	264	195583	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	3738	3.66	ng/uL	0.00
4) Pyridine-d5	3.96	84	27108	9.56	ng/ul	0.00
7) Phenol-d5	7.46	99	35874	10.84	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.64	67	24493	12.89	ng/ul	0.00
11) 2-Chlorophenol-d4	7.85	132	27428	10.73	ng/ul	0.00
15) 4-Methylphenol-d8	9.03	113	29331	11.04	ng/ul	0.00
21) Nitrobenzene-d5	9.51	128	13513	9.87	ng/ul	0.00
24) 2-Nitrophenol-d4	10.24	143	15140	10.26	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.78	165	28611	9.42	ng/ul	0.00
31) 4-Chloroaniline-d4	11.29	131	40245	10.62	ng/ul	0.00
46) Dimethylphthalate-d6	14.34	166	92939	10.31	ng/ul	0.00
49) Acenaphthylene-d8	14.65	160	110022	10.05	ng/ul	0.00
54) 4-Nitrophenol-d4	15.11	143	16142	10.15	ng/ul	0.00
60) Fluorene-d10	15.93	176	77807	9.40	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	16.03	200	13928	9.14	ng/ul	0.00
73) Anthracene-d10	17.76	188	119754	9.88	ng/ul	0.00
81) Pyrene-d10	20.02	212	125099	10.87	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.04	264	104797	9.48	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	3903	3.429	ng/uL	90
5) Pyridine	3.99	79	28053	9.952	ng/ul	98
6) Benzaldehyde	7.45	77	19253	10.999	ng/ul	96
8) Phenol	7.49	94	37606	11.398	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.73	93	31389	12.384	ng/ul	99
12) 2-Chlorophenol	7.89	128	28159	10.553	ng/ul	96
13) 2-Methylphenol	8.77	108	28285	11.048	ng/ul	95
14) 2,2'-oxybis(1-Chloropropan	8.87	45	49865	15.119	ng/ul	100
16) Acetophenone	9.17	105	49740	11.307	ng/ul	98
17) N-Nitroso-di-n-propylamine	9.15	70	28322	13.204	ng/ul	97
18) 4-Methylphenol	9.10	108	30955	11.636	ng/ul	98
19) Hexachloroethane	9.45	117	13778	10.390	ng/ul	92
22) Nitrobenzene	9.55	77	42079	10.100	ng/ul	100
23) Isophorone	10.08	82	78332	11.892	ng/ul	99
25) 2-Nitrophenol	10.27	139	16375	10.450	ng/ul	98
26) 2,4-Dimethylphenol	10.32	107	38020	10.114	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.56	93	44218	12.064	ng/ul	98
29) 2,4-Dichlorophenol	10.81	162	29018	9.868	ng/ul	94
30) Naphthalene	11.22	128	95316	9.835	ng/ul	98
32) 4-Chloroaniline	11.32	127	39306	10.638	ng/ul	96
33) Hexachlorobutadiene	11.50	225	21509	8.830	ng/ul	99
34) Caprolactam	12.07	113	10037	12.290	ng/ul	93

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35) 4-Chloro-3-methylphenol	12.42	107	35506	11.824 ng/ul	93
36) 2-Methylnaphthalene	12.81	142	69716	11.127 ng/ul	95
37) 1-Methylnaphthalene	13.03	142	66159	10.556 ng/ul#	100
39) 1,2,4,5-Tetrachlorobenzene	13.17	216	37380	9.008 ng/ul	93
40) Hexachlorocyclopentadiene	13.15	237	23518	7.900 ng/ul	92
41) 2,4,6-Trichlorophenol	13.40	196	24517	9.573 ng/ul	95
42) 2,4,5-Trichlorophenol	13.47	196	26585	9.630 ng/ul	99
43) 1,1'-Biphenyl	13.79	154	90797	9.594 ng/ul	100
44) 2-Chloronaphthalene	13.84	162	72503	9.654 ng/ul	99
45) 2-Nitroaniline	14.03	65	25974	10.510 ng/ul	97
47) Dimethylphthalate	14.39	163	96908	10.452 ng/ul	99
48) 2,6-Dinitrotoluene	14.52	165	18761	10.239 ng/ul	96
50) Acenaphthylene	14.68	152	108922	10.115 ng/ul	99
51) 3-Nitroaniline	14.84	138	16732	10.449 ng/ul	99
52) Acenaphthene	15.02	153	76742	9.958 ng/ul	99
53) 2,4-Dinitrophenol	15.04	184	9300	8.040 ng/ul#	88
55) 4-Nitrophenol	15.12	109	18558	7.505 ng/ul	98
56) Dibenzofuran	15.34	168	106549	9.610 ng/ul	99
57) 2,4-Dinitrotoluene	15.29	165	26829	10.142 ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.56	232	22788	9.584 ng/ul	99
59) Diethylphthalate	15.73	149	98321	10.432 ng/ul	98
61) Fluorene	15.99	166	89366	9.601 ng/ul	99
62) 4-Chlorophenyl-phenylether	15.97	204	45744	9.028 ng/ul	97
63) 4-Nitroaniline	15.99	138	15694	9.322 ng/ul	97
66) 4,6-Dinitro-2-methylphenol	16.04	198	14670	8.928 ng/ul	100
67) N-Nitrosodiphenylamine	16.18	169	74500	10.190 ng/ul	99
68) 4-Bromophenyl-phenylether	16.86	248	27362	9.618 ng/ul	98
69) Hexachlorobenzene	16.98	284	30246	9.433 ng/ul	98
70) Atrazine	17.10	200	29122	9.870 ng/ul	98
71) Pentachlorophenol	17.32	266	17517	8.766 ng/ul	98
72) Phenanthrene	17.71	178	143626	9.863 ng/ul	97
74) Anthracene	17.80	178	145559	10.053 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.77	216	37482	9.485 ng/uL	99
76) Pentachlorobenzene	15.26	250	37214	9.795 ng/uL	100
77) Carbazole	18.06	167	122058	9.928 ng/ul	100
78) Di-n-butylphthalate	18.59	149	167063	11.749 ng/ul	99
80) Fluoranthene	19.69	202	162612	11.048 ng/ul	99
82) Pyrene	20.04	202	163272	10.790 ng/ul	98
83) Butylbenzylphthalate	20.90	149	71546	13.063 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.68	252	46913	10.634 ng/ul	97
85) Benzo(a)anthracene	21.76	228	142021	9.978 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.66	149	99245	13.416 ng/ul	99
87) Chrysene	21.81	228	136915	9.972 ng/ul	99
89) Di-n-octyl phthalate	22.59	149	163286	12.250 ng/ul	100
90) Benzo(b)fluoranthene	23.46	252	135157	8.854 ng/ul	99
91) Benzo(k)fluoranthene	23.51	252	126300	8.867 ng/ul	97
93) Benzo(a)pyrene	24.09	252	118985	9.717 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.70	276	137412	8.854 ng/ul	99
95) Dibenzo(a,h)anthracene	26.71	278	116008	8.982 ng/ul	99
96) Benzo(g,h,i)perylene	27.48	276	112748	8.760 ng/ul	99

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

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