Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM050421\
Data File : BM029788.D
Acq On : 04 May 2021 13:24
Operator : CG/JU
Sample : SSTD16015
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD160015

Quant Time: May 04 13:54:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 04 12:20:39 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	113194	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	462224	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	274836	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	534984	20.00	ng/ul	0.00
79) Chrysene-d12	21.16	240	576024	20.00	ng/ul	0.00
88) Perylene-d12	23.32	264	606291	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	190544	82.28	ng/uL	0.00
4) Pyridine-d5	3.48	84	1300947	259.47	ng/ul	-0.02
7) Phenol-d5	6.76	99	1681564	220.61	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.92	67	983349	246.33	ng/ul	0.00
11) 2-Chlorophenol-d4	7.11	132	1370033	198.73	ng/ul	0.00
15) 4-Methylphenol-d8	8.30	113	1323410	202.72	ng/ul	0.01
21) Nitrobenzene-d5	8.73	128	636272	189.02	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	734499	172.36	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.99	165	1290511	144.94	ng/ul	0.00
31) 4-Chloroaniline-d4	10.50	131	1769106	176.20	ng/ul	0.00
46) Dimethylphthalate-d6	13.64	166	3374324	154.98	ng/ul	0.01
49) Acenaphthylene-d8	13.92	160	4527234	168.66	ng/ul	0.00
54) 4-Nitrophenol-d4	14.46	143	640595	222.44	ng/ul	0.02
60) Fluorene-d10	15.22	176	2884888	153.19	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.36	200	666831	171.43	ng/ul	0.01
73) Anthracene-d10	17.07	188	4389618	162.77	ng/ul	0.00
81) Pyrene-d10	19.37	212	4876238	165.77	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.19	264	5666198	162.89	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	209512	85.977	ng/uL	95
5) Pyridine	3.50	79	1346713	252.359	ng/ul	90
6) Benzaldehyde	6.72	77	603543	138.070	ng/ul	96
8) Phenol	6.79	94	1696177	224.528	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.02	93	1283574	222.019	ng/ul	99
12) 2-Chlorophenol	7.15	128	1387314	202.248	ng/ul	98
13) 2-Methylphenol	8.02	108	1260896	207.939	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.11	45	1871314	329.742	ng/ul	100
16) Acetophenone	8.40	105	2010522	199.801	ng/ul	95
17) N-Nitroso-di-n-propylamine	8.41	70	1073228	221.306	ng/ul	97
18) 4-Methylphenol	8.37	108	1344995	203.580	ng/ul	96
19) Hexachloroethane	8.63	117	574357	185.182	ng/ul	98
22) Nitrobenzene	8.77	77	1509790	203.061	ng/ul	99
23) Isophorone	9.31	82	2784215	194.117	ng/ul	98
25) 2-Nitrophenol	9.48	139	770894	174.331	ng/ul	99
26) 2,4-Dimethylphenol	9.55	107	1450605	180.196	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.78	93	1673160	200.395	ng/ul	99
29) 2,4-Dichlorophenol	10.01	162	1239184	149.021	ng/ul	97
30) Naphthalene	10.40	128	4139735	168.503	ng/ul	99
32) 4-Chloroaniline	10.52	127	1816535	179.745	ng/ul	99
33) Hexachlorobutadiene	10.68	225	767695	106.814	ng/ul	98
34) Caprolactam	11.34	113	204364	89.009	ng/ul	98

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35) 4-Chloro-3-methylphenol	11.66	107	1281615	180.955	ng/ul	99
36) 2-Methylnaphthalene	12.02	142	2938947	154.895	ng/ul	99
37) 1-Methylnaphthalene	12.24	142	2860408	154.878	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	1479294	138.113	ng/ul	98
40) Hexachlorocyclopentadiene	12.37	237	902117	171.578	ng/ul	95
41) 2,4,6-Trichlorophenol	12.64	196	947932	153.345	ng/ul	97
42) 2,4,5-Trichlorophenol	12.72	196	1008045	155.507	ng/ul	99
43) 1,1'-Biphenyl	13.05	154	3610633	175.684	ng/ul	99
44) 2-Chloronaphthalene	13.09	162	2803827	169.350	ng/ul	98
45) 2-Nitroaniline	13.31	65	893206	279.385	ng/ul	96
47) Dimethylphthalate	13.70	163	3332941	157.844	ng/ul	100
48) 2,6-Dinitrotoluene	13.82	165	763112	179.300	ng/ul	88
50) Acenaphthylene	13.94	152	4353857	174.231	ng/ul	99
51) 3-Nitroaniline	14.15	138	736576	194.413	ng/ul	92
52) Acenaphthene	14.29	153	3013435	172.910	ng/ul	100
53) 2,4-Dinitrophenol	14.36	184	478399	188.545	ng/ul	88
55) 4-Nitrophenol	14.48	109	442463	217.241	ng/ul	94
56) Dibenzofuran	14.63	168	4084815	157.734	ng/ul	98
57) 2,4-Dinitrotoluene	14.61	165	1051704	176.244	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.86	232	891752	145.681	ng/ul	98
59) Diethylphthalate	15.06	149	3415708	170.410	ng/ul	99
61) Fluorene	15.28	166	3491387	161.620	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.27	204	1686190	139.742	ng/ul	99
63) 4-Nitroaniline	15.32	138	621837	154.288	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.38	198	645627	172.283	ng/ul#	93
67) N-Nitrosodiphenylamine	15.49	169	2960909	179.230	ng/ul	98
68) 4-Bromophenyl-phenylether	16.17	248	1019899	155.414	ng/ul	98
69) Hexachlorobenzene	16.28	284	1173750	154.868	ng/ul	98
70) Atrazine	16.46	200	1033373	151.811	ng/ul	99
71) Pentachlorophenol	16.63	266	730898	183.271	ng/ul	94
72) Phenanthrene	17.02	178	5119688	166.858	ng/ul	99
74) Anthracene	17.10	178	5354006	169.802	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.01	216	1534076	154.193	ng/uL	98
76) Pentachlorobenzene	14.54	250	1393403	149.546	ng/uL	98
77) Carbazole	17.38	167	4850051	176.254	ng/ul	99
78) Di-n-butylphthalate	17.94	149	5856977	200.395	ng/ul	99
80) Fluoranthene	19.03	202	5894546	170.372	ng/ul	99
82) Pyrene	19.40	202	6116169	166.132	ng/ul	99
83) Butylbenzylphthalate	20.30	149	2777543	217.427	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.08	252	2024463	136.929	ng/ul	99
85) Benzo(a)anthracene	21.14	228	5996746	159.096	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.08	149	4187630	213.621	ng/ul#	98
87) Chrysene	21.20	228	5888556	156.333	ng/ul	97
89) Di-n-octyl phthalate	21.94	149	7021597	201.801	ng/ul	100
90) Benzo(b)fluoranthene	22.68	252	6540277	165.523	ng/ul	99
91) Benzo(k)fluoranthene	22.73	252	6291594	161.648	ng/ul	100
93) Benzo(a)pyrene	23.24	252	5816136	162.694	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.52	276	7843721	167.542	ng/ul#	93
95) Dibenzo(a,h)anthracene	25.53	278	6541102	167.402	ng/ul	99
96) Benzo(g,h,i)perylene	26.18	276	6385650	166.078	ng/ul	99

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

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