Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081120\
Data File : BM027032.D
Acq On : 11 Aug 2020 15:44
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02013

Manual Integrations APPROVED
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Quant Time: Aug 11 17:05:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 11 15:01:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	50984	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	198458	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	176182	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	393058	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	415679	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	416404	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	11460	10.21	ng/uL	0.00
5) Phenol-d5	6.82	99	72028	18.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	49932	18.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	58861	18.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	58510	18.93	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	28552	18.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	30551	18.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	73703	21.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	81810	20.54	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	260035	18.51	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	324818	19.40	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	41954	17.69	ng/ul	0.00
58) Fluorene-d10	15.27	176	254200	20.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	38047	17.72	ng/ul	0.00
71) Anthracene-d10	17.12	188	388360	20.06	ng/ul	0.00
79) Pyrene-d10	19.42	212	428922	20.69	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	462592	19.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	12158	8.525	ng/uL	96
4) Benzaldehyde	6.79	77	56233	14.592	ng/ul	96
6) Phenol	6.85	94	81636	19.530	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.08	93	62281	18.052	ng/ul	95
10) 2-Chlorophenol	7.21	128	64876	19.853	ng/ul	97
11) 2-Methylphenol	8.08	108	57131	18.816	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.17	45	40915m	15.567	ng/ul	
14) Acetophenone	8.45	105	113431	21.837	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.45	70	61894	20.539	ng/ul#	93
16) 4-Methylphenol	8.41	108	65134	19.962	ng/ul	97
17) Hexachloroethane	8.72	117	34822	21.303	ng/ul	97
20) Nitrobenzene	8.82	77	100966	19.660	ng/ul	94
21) Isophorone	9.36	82	148338	18.204	ng/ul	99
23) 2-Nitrophenol	9.53	139	36515	20.193	ng/ul#	94
24) 2,4-Dimethylphenol	9.60	107	88696	21.504	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.83	93	87057	18.857	ng/ul	97
27) 2,4-Dichlorophenol	10.06	162	75106	21.803	ng/ul	97
28) Naphthalene	10.46	128	214966	19.488	ng/ul	99
30) 4-Chloroaniline	10.57	127	86159	21.477	ng/ul	97
31) Hexachlorobutadiene	10.76	225	68892	23.721	ng/ul	99
32) Caprolactam	11.33	113	16226m	16.945	ng/ul	
33) 4-Chloro-3-methylphenol	11.70	107	73807	20.276	ng/ul	99
34) 2-Methylnaphthalene	12.08	142	169667	20.973	ng/ul	100

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35) 1-Methylnaphthalene	12.30	142	162304	20.380	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	122920	18.854	ng/ul	99
38) Hexachlorocyclopentadiene	12.45	237	82444	19.178	ng/ul	98
39) 2,4,6-Trichlorophenol	12.70	196	68704	17.929	ng/ul	92
40) 2,4,5-Trichlorophenol	12.77	196	73899	18.120	ng/ul	94
41) 1,1'-Biphenyl	13.11	154	243305	16.899	ng/ul	99
42) 2-Chloronaphthalene	13.15	162	200852	17.206	ng/ul	100
43) 2-Nitroaniline	13.35	65	57121	16.893	ng/ul	93
45) Dimethylphthalate	13.74	163	273872	18.601	ng/ul	99
46) 2,6-Dinitrotoluene	13.85	165	52161	18.607	ng/ul	98
48) Acenaphthylene	14.00	152	328897	19.324	ng/ul	99
49) 3-Nitroaniline	14.17	138	46867	18.812	ng/ul	100
50) Acenaphthene	14.34	153	237415	19.682	ng/ul	95
51) 2,4-Dinitrophenol	14.38	184	26316	18.063	ng/ul	98
53) 4-Nitrophenol	14.49	109	56088	22.210	ng/ul	85
54) Dibenzofuran	14.68	168	359929	20.850	ng/ul	96
55) 2,4-Dinitrotoluene	14.64	165	79868	19.618	ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	14.90	232	73650	20.038	ng/ul	98
57) Diethylphthalate	15.12	149	297098	20.117	ng/ul	99
59) Fluorene	15.33	166	299372	20.723	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	163334	20.747	ng/ul	100
61) 4-Nitroaniline	15.33	138	55465	19.492	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.40	198	41856	17.617	ng/ul	92
65) N-Nitrosodiphenylamine	15.54	169	257473	21.864	ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	100977	20.539	ng/ul	98
67) Hexachlorobenzene	16.34	284	115469	20.027	ng/ul	98
68) Atrazine	16.50	200	88488	18.533	ng/ul	98
69) Pentachlorophenol	16.67	266	60473	18.927	ng/ul	99
70) Phenanthrene	17.06	178	473014	20.073	ng/ul	98
72) Anthracene	17.15	178	486807	20.303	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	119987	19.518	ng/uL	98
74) Pentachlorobenzene	14.60	250	131645	20.530	ng/uL	99
75) Carbazole	17.42	167	410311	20.273	ng/ul	99
76) Di-n-butylphthalate	18.00	149	475511	19.174	ng/ul	99
77) Fluoranthene	19.09	202	545865	19.103	ng/ul	97
80) Pyrene	19.44	202	574816	20.373	ng/ul	99
81) Butylbenzylphthalate	20.37	149	193769	18.684	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.14	252	172222	18.360	ng/ul	99
83) Benzo(a)anthracene	21.20	228	569687	20.358	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	301785	19.262	ng/ul	99
85) Chrysene	21.26	228	553540	20.152	ng/ul	99
87) Di-n-octyl phthalate	22.03	149	473755	17.005	ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	575858	19.915	ng/ul	99
89) Benzo(k)fluoranthene	22.81	252	573438	20.010	ng/ul	100
91) Benzo(a)pyrene	23.33	252	517170	19.653	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.62	276	665990	19.642	ng/ul	99
93) Dibenzo(a,h)anthracene	25.63	278	569854	19.841	ng/ul	100
94) Benzo(g,h,i)perylene	26.29	276	555217	19.825	ng/ul	98

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

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