Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010820\
Data File : BM024417.D
Acq On : 08 Jan 2020 13:01
Operator : JU
Sample : SSTD08002
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD08002

Manual Integrations APPROVED
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1/9/2020 12:12:32 PM

Quant Time: Jan 08 14:14:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 08 12:28:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	249325	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	993942	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	576626	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	1174977	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	1128707	20.00	ng/ul	0.00
86) Perylene-d12	23.24	264	1348726	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	187126	25.25	ng/uL	0.00
5) Phenol-d5	6.69	99	1638299	74.53	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.85	67	951306	62.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	1399007	86.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	1299654	77.82	ng/ul	0.01
19) Nitrobenzene-d5	8.64	128	646774	91.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	680209	90.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	1327876	93.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	1481514	89.13	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	3449839	84.88	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	4454112	88.43	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	634999	111.77	ng/ul	0.01
58) Fluorene-d10	15.15	176	3073325	85.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	503250	75.38	ng/ul	0.00
71) Anthracene-d10	17.00	188	4562526	85.99	ng/ul	0.00
79) Pyrene-d10	19.30	212	4904381	86.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.12	264	5829979	87.17	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	193121	24.318	ng/uL#	93
4) Benzaldehyde	6.65	77	888354	68.215	ng/ul	96
6) Phenol	6.72	94	1659611	71.334	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.95	93	1277110	67.970	ng/ul	99
10) 2-Chlorophenol	7.08	128	1382551	82.375	ng/ul	97
11) 2-Methylphenol	7.95	108	1241492	75.808	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.05	45	1704490	73.607	ng/ul	99
14) Acetophenone	8.32	105	1968998	72.402	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.32	70	1003658	66.501	ng/ul	97
16) 4-Methylphenol	8.28	108	1313876	74.214	ng/ul	98
17) Hexachloroethane	8.57	117	589953	75.758	ng/ul	97
20) Nitrobenzene	8.68	77	1548016	70.421	ng/ul	98
21) Isophorone	9.22	82	2723619	74.816	ng/ul	99
23) 2-Nitrophenol	9.39	139	731410	86.785	ng/ul	98
24) 2,4-Dimethylphenol	9.46	107	1479965	78.313	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.70	93	1630313	71.061	ng/ul	100
27) 2,4-Dichlorophenol	9.92	162	1268709	90.425	ng/ul	96
28) Naphthalene	10.32	128	4210059	79.603	ng/ul	99
30) 4-Chloroaniline	10.42	127	1451850	87.247	ng/ul	99
31) Hexachlorobutadiene	10.62	225	898031	88.871	ng/ul	97
32) Caprolactam	11.17	113	395792m	93.415	ng/ul	
33) 4-Chloro-3-methylphenol	11.56	107	1331480	85.482	ng/ul	100
34) 2-Methylnaphthalene	11.94	142	2892574	83.658	ng/ul	99

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35) 1-Methylnaphthalene	12.16	142	2915762	82.336	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.32	216	1602772	93.417	ng/ul	99
38) Hexachlorocyclopentadiene	12.31	237	1191103	178.272	ng/ul	98
39) 2,4,6-Trichlorophenol	12.56	196	983592	98.904	ng/ul	98
40) 2,4,5-Trichlorophenol	12.63	196	1054017	103.775	ng/ul	99
41) 1,1'-Biphenyl	12.97	154	3667978	83.002	ng/ul	98
42) 2-Chloronaphthalene	13.01	162	2953175	82.858	ng/ul	99
43) 2-Nitroaniline	13.21	65	811247	81.509	ng/ul	98
45) Dimethylphthalate	13.62	163	3530997	83.482	ng/ul	100
46) 2,6-Dinitrotoluene	13.73	165	740908	94.192	ng/ul	93
48) Acenaphthylene	13.86	152	4580935	84.234	ng/ul	100
49) 3-Nitroaniline	14.05	138	609800	90.607	ng/ul#	94
50) Acenaphthene	14.21	153	3049737	81.336	ng/ul	98
51) 2,4-Dinitrophenol	14.25	184	319244	83.251	ng/ul#	87
53) 4-Nitrophenol	14.37	109	542859	107.621	ng/ul	97
54) Dibenzofuran	14.55	168	4183789	81.527	ng/ul	100
55) 2,4-Dinitrotoluene	14.52	165	1027006	89.156	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.78	232	888518	101.160	ng/ul	97
57) Diethylphthalate	15.01	149	3486316	81.629	ng/ul	100
59) Fluorene	15.20	166	3532063	83.812	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.21	204	1841669	88.234	ng/ul	98
61) 4-Nitroaniline	15.22	138	716373	107.231	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.29	198	557919	78.544	ng/ul#	95
65) N-Nitrosodiphenylamine	15.42	169	2917530	83.364	ng/ul	99
66) 4-Bromophenyl-phenylether	16.10	248	1115728	87.001	ng/ul	98
67) Hexachlorobenzene	16.21	284	1283286	82.884	ng/ul	99
68) Atrazine	16.39	200	1083234	87.057	ng/ul	97
69) Pentachlorophenol	16.55	266	744667	110.729	ng/ul	97
70) Phenanthrene	16.94	178	5330652	80.718	ng/ul	99
72) Anthracene	17.03	178	5467881	82.532	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	1578238	89.510	ng/uL	99
74) Pentachlorobenzene	14.47	250	1507871	83.528	ng/uL	99
75) Carbazole	17.30	167	4662570	83.290	ng/ul	100
76) Di-n-butylphthalate	17.90	149	5695022	84.635	ng/ul	99
77) Fluoranthene	18.96	202	6176519	82.900	ng/ul	99
80) Pyrene	19.33	202	6331263	81.844	ng/ul	96
81) Butylbenzylphthalate	20.27	149	2504488	85.500	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.03	252	2218456	96.095	ng/ul	100
83) Benzo(a)anthracene	21.09	228	6374861	88.152	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	3683183	84.027	ng/ul	100
85) Chrysene	21.14	228	6128817	84.051	ng/ul	99
87) Di-n-octyl phthalate	21.94	149	6423518	77.200	ng/ul	100
88) Benzo(b)fluoranthene	22.62	252	7172494	87.641	ng/ul	100
89) Benzo(k)fluoranthene	22.66	252	6572829	80.529	ng/ul	98
91) Benzo(a)pyrene	23.16	252	6437234	85.413	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.36	276	8614997	88.317	ng/ul	99
93) Dibenzo(a,h)anthracene	25.37	278	7284800	90.201	ng/ul	99
94) Benzo(g,h,i)perylene	25.99	276	7143245	86.932	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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