Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017313.D
Acq On : 24 Oct 2018 12:28
Operator : MJ/SJ
Sample : SSTD08070
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD08070

Manual Integrations APPROVED
Sohil
10/25/2018 3:33:45 PM

Quant Time: Oct 24 13:09:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 24 11:57:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	269258	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1215119	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	733233	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1706335	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	2009835	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2248957	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	176954	32.67	ng/uL	0.00
5) Phenol-d5	6.85	99	2033142	90.32	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.00	67	1156714	84.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	1639258	87.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	1605135	91.01	ng/ul	0.01
19) Nitrobenzene-d5	8.82	128	807989	90.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	936198	103.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	1682037	90.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	1403205	62.82	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	4936085	84.85	ng/ul	0.01
47) Acenaphthylene-d8	14.00	160	6173354	83.02	ng/ul	0.01
52) 4-Nitrophenol-d4	14.53	143	1010654	91.94	ng/ul	0.02
58) Fluorene-d10	15.30	176	4244999	81.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.44	200	1011927	100.56	ng/ul	0.01
71) Anthracene-d10	17.16	188	6631201	81.36	ng/ul	0.00
79) Pyrene-d10	19.46	212	7612851	83.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	9529673	82.77	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	183631	32.260	ng/uL	98
4) Benzaldehyde	6.82	77	391712m	28.035	ng/ul	
6) Phenol	6.87	94	2026181	89.981	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.10	93	1505548	86.359	ng/ul	99
10) 2-Chlorophenol	7.23	128	1615290	86.690	ng/ul	98
11) 2-Methylphenol	8.10	108	1524206	89.897	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.19	45	1968626	78.509	ng/ul	97
14) Acetophenone	8.49	105	2419363	86.319	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.48	70	1215320	93.158	ng/ul	99
16) 4-Methylphenol	8.44	108	1623161	89.353	ng/ul	97
17) Hexachloroethane	8.72	117	612685	80.489	ng/ul	99
20) Nitrobenzene	8.86	77	1798330	85.667	ng/ul	99
21) Isophorone	9.39	82	3383834	88.832	ng/ul	99
23) 2-Nitrophenol	9.56	139	957943	93.841	ng/ul	99
24) 2,4-Dimethylphenol	9.63	107	1827894	88.275	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.86	93	2074624	84.839	ng/ul	100
27) 2,4-Dichlorophenol	10.09	162	1592783	88.194	ng/ul	99
28) Naphthalene	10.49	128	5017312	80.366	ng/ul	100
30) 4-Chloroaniline	10.60	127	1418745	62.675	ng/ul	98
31) Hexachlorobutadiene	10.76	225	993454	80.902	ng/ul	98
32) Caprolactam	11.42	113	548243m	99.590	ng/ul	
33) 4-Chloro-3-methylphenol	11.74	107	1762046	94.961	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	3735967	84.737	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.33	142	3571899	83.210	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	1954652	77.634	ng/ul	99
38) Hexachlorocyclopentadiene	12.45	237	1316719	81.557	ng/ul	100
39) 2,4,6-Trichlorophenol	12.73	196	1331534	87.634	ng/ul	99
40) 2,4,5-Trichlorophenol	12.80	196	1422137	87.194	ng/ul	99
41) 1,1'-Biphenyl	13.13	154	4726475	78.189	ng/ul	99
42) 2-Chloronaphthalene	13.17	162	3742790	78.597	ng/ul	99
43) 2-Nitroaniline	13.39	65	1174130	112.983	ng/ul	97
45) Dimethylphthalate	13.77	163	4737745	82.245	ng/ul	99
46) 2,6-Dinitrotoluene	13.90	165	1062797	109.584	ng/ul	96
48) Acenaphthylene	14.02	152	5683590	79.808	ng/ul	98
49) 3-Nitroaniline	14.23	138	1004348	93.109	ng/ul	93
50) Acenaphthene	14.37	153	4040997	79.849	ng/ul	99
51) 2,4-Dinitrophenol	14.43	184	725066	115.888	ng/ul	95
53) 4-Nitrophenol	14.55	109	752308	94.262	ng/ul	96
54) Dibenzofuran	14.70	168	5641625	78.948	ng/ul	100
55) 2,4-Dinitrotoluene	14.69	165	1550513	98.808	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.93	232	1322121	90.352	ng/ul	98
57) Diethylphthalate	15.14	149	4848009	86.048	ng/ul	99
59) Fluorene	15.36	166	4647007	79.760	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.36	204	2353618	77.508	ng/ul	100
61) 4-Nitroaniline	15.40	138	1141430	89.656	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.46	198	1031852	96.746	ng/ul#	92
65) N-Nitrosodiphenylamine	15.57	169	4132279	81.743	ng/ul	99
66) 4-Bromophenyl-phenylether	16.25	248	1567753	81.843	ng/ul	95
67) Hexachlorobenzene	16.36	284	1715828	79.273	ng/ul	98
68) Atrazine	16.54	200	1549660	88.168	ng/ul	97
69) Pentachlorophenol	16.70	266	1157134	88.673	ng/ul	99
70) Phenanthrene	17.10	178	7614256	79.584	ng/ul	99
72) Anthracene	17.19	178	7719995	79.412	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	1937103	71.134	ng/uL	98
74) Pentachlorobenzene	14.62	250	1955288	76.427	ng/uL	98
75) Carbazole	17.47	167	7074603	84.086	ng/ul	99
76) Di-n-butylphthalate	18.03	149	8435498	89.679	ng/ul	99
77) Fluoranthene	19.12	202	9224109	83.232	ng/ul	98
80) Pyrene	19.49	202	9180779	78.838	ng/ul	96
81) Butylbenzylphthalate	20.40	149	4227982	105.223	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.18	252	3391311	94.982	ng/ul	100
83) Benzo(a)anthracene	21.24	228	9658769	80.109	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.17	149	5928564	95.200	ng/ul	100
85) Chrysene	21.29	228	9031403	77.450	ng/ul	98
87) Di-n-octyl phthalate	22.05	149	10340107	85.983	ng/ul	100
88) Benzo(b)fluoranthene	22.81	252	10211892	76.256	ng/ul	99
89) Benzo(k)fluoranthene	22.86	252	10056603	78.169	ng/ul	100
91) Benzo(a)pyrene	23.38	252	10090752	78.187	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.69	276	12137787	79.662	ng/ul	97
93) Dibenzo(a,h)anthracene	25.71	278	10005718	78.885	ng/ul	100
94) Benzo(g,h,i)perylene	26.37	276	10416723	82.100	ng/ul	99

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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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