Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100418\
Data File : BM016998.D
Acq On : 04 Oct 2018 13:28
Operator : MJ/SJ
Sample : SSTD08046
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD08046

Manual Integrations APPROVED
Sohil
10/5/2018 5:27:51 PM

Quant Time: Oct 04 14:06:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 04 13:06:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	194680	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	839863	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.34	164	468262	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	1018442	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	1193398	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	1248249	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	117289	25.76	ng/uL	0.00
5) Phenol-d5	6.88	99	1320668	80.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	778229	76.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	1109755	82.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	1041440	81.96	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	532182	96.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	581607	115.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	1073429	84.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	1258256	81.75	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	2909516	77.38	ng/ul	0.01
47) Acenaphthylene-d8	14.03	160	3873239	79.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	588714	95.41	ng/ul	0.01
58) Fluorene-d10	15.34	176	2568115	78.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	553681	132.43	ng/ul	0.01
71) Anthracene-d10	17.19	188	3931930	80.02	ng/ul	0.00
79) Pyrene-d10	19.49	212	4305622	74.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	5214579	80.08	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	117353	24.772	ng/uL	95
4) Benzaldehyde	6.85	77	643219	69.605	ng/ul	95
6) Phenol	6.91	94	1314603	80.203	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.14	93	1002596	79.446	ng/ul	99
10) 2-Chlorophenol	7.27	128	1110982	82.537	ng/ul	99
11) 2-Methylphenol	8.15	108	996815	81.144	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.23	45	1429937	71.652	ng/ul	99
14) Acetophenone	8.52	105	1616132	82.064	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.52	70	788009	79.963	ng/ul	98
16) 4-Methylphenol	8.48	108	1059196	81.569	ng/ul	100
17) Hexachloroethane	8.77	117	433778	82.046	ng/ul	99
20) Nitrobenzene	8.90	77	1183422	84.777	ng/ul	99
21) Isophorone	9.43	82	2137976	77.066	ng/ul	99
23) 2-Nitrophenol	9.60	139	624418	107.804	ng/ul	98
24) 2,4-Dimethylphenol	9.67	107	1167399	78.106	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.90	93	1345672	78.474	ng/ul	100
27) 2,4-Dichlorophenol	10.13	162	1036708	84.633	ng/ul	100
28) Naphthalene	10.53	128	3438903	79.631	ng/ul	100
30) 4-Chloroaniline	10.65	127	1260537	81.854	ng/ul	99
31) Hexachlorobutadiene	10.82	225	672340	81.316	ng/ul	98
32) Caprolactam	11.44	113	319654m	82.516	ng/ul	
33) 4-Chloro-3-methylphenol	11.77	107	1064491	82.915	ng/ul	98
34) 2-Methylnaphthalene	12.15	142	2446766	80.411	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.37	142	2393538	78.662 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.52	216	1287357	80.050 ng/ul	97
38) Hexachlorocyclopentadiene	12.50	237	865719	86.457 ng/ul	97
39) 2,4,6-Trichlorophenol	12.76	196	814881	88.984 ng/ul	97
40) 2,4,5-Trichlorophenol	12.83	196	868767	86.928 ng/ul	98
41) 1,1'-Biphenyl	13.17	154	3055517	78.438 ng/ul	99
42) 2-Chloronaphthalene	13.21	162	2425293	79.554 ng/ul	99
43) 2-Nitroaniline	13.42	65	649256	96.678 ng/ul	96
45) Dimethylphthalate	13.81	163	2880334	78.386 ng/ul	100
46) 2,6-Dinitrotoluene	13.93	165	609138	107.930 ng/ul	96
48) Acenaphthylene	14.06	152	3648707	79.381 ng/ul	99
49) 3-Nitroaniline	14.26	138	566063	92.233 ng/ul	98
50) Acenaphthene	14.41	153	2528835	77.491 ng/ul	100
51) 2,4-Dinitrophenol	14.46	184	372563	147.575 ng/ul	94
53) 4-Nitrophenol	14.57	109	406493	85.489 ng/ul	93
54) Dibenzofuran	14.75	168	3510192	78.398 ng/ul	99
55) 2,4-Dinitrotoluene	14.72	165	901748	108.655 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.97	232	778118	96.258 ng/ul	97
57) Diethylphthalate	15.18	149	2856573	78.469 ng/ul	99
59) Fluorene	15.40	166	2865844	77.911 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.39	204	1481696	79.445 ng/ul	97
61) 4-Nitroaniline	15.43	138	674137	89.421 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.48	198	566045	120.745 ng/ul#	95
65) N-Nitrosodiphenylamine	15.61	169	2482557	78.804 ng/ul	100
66) 4-Bromophenyl-phenylether	16.29	248	946055	82.103 ng/ul	97
67) Hexachlorobenzene	16.40	284	1029374	83.008 ng/ul	97
68) Atrazine	16.57	200	891236	80.045 ng/ul	99
69) Pentachlorophenol	16.74	266	661247	98.607 ng/ul	98
70) Phenanthrene	17.13	178	4497496	79.501 ng/ul	100
72) Anthracene	17.23	178	4652104	80.099 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.13	216	1342369	79.638 ng/uL	99
74) Pentachlorobenzene	14.66	250	1236125	81.297 ng/uL	99
75) Carbazole	17.50	167	4056910	79.461 ng/ul	100
76) Di-n-butylphthalate	18.07	149	4787010	80.588 ng/ul	100
77) Fluoranthene	19.15	202	5305175	81.808 ng/ul	97
80) Pyrene	19.52	202	5414644	73.892 ng/ul	98
81) Butylbenzylphthalate	20.43	149	2180700	80.470 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.20	252	1608411	68.035 ng/ul	98
83) Benzo(a)anthracene	21.27	228	5659864	76.609 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.20	149	3243127	76.149 ng/ul	99
85) Chrysene	21.32	228	5408792	78.504 ng/ul	99
87) Di-n-octyl phthalate	22.09	149	5630074	75.070 ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	6066520	81.197 ng/ul	100
89) Benzo(k)fluoranthene	22.89	252	5555036	77.430 ng/ul	100
91) Benzo(a)pyrene	23.42	252	5692793	79.935 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.75	276	6794814	79.981 ng/ul	99
93) Dibenzo(a,h)anthracene	25.76	278	5684364	79.987 ng/ul	99
94) Benzo(g,h,i)perylene	26.43	276	5685051	80.701 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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