Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072018\
Data File : BM016013.D
Acq On : 20 Jul 2018 11:16
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02045

Manual Integrations APPROVED
Sohil
7/23/2018 5:44:53 PM

Quant Time: Jul 23 06:44:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 20 01:21:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	45365	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	229855	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	147782	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	346150m	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	403350	20.00	ng/ul	0.00
85) Perylene-d12	24.10	264	364008	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	7893	7.66	ng/uL	0.00
5) Phenol-d5	7.40	99	78562	18.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	49247	18.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	66216	19.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	70122	19.75	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	32996	19.99	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	37503	19.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	75553	20.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	99109	22.42	ng/ul	0.00
43) Dimethylphthalate-d6	14.28	166	257012	19.08	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	307849	20.04	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	40240m	17.24	ng/ul	0.00
57) Fluorene-d10	15.86	176	221675	19.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	38393	16.62	ng/ul	0.00
70) Anthracene-d10	17.70	188	343865	19.40	ng/ul	0.00
78) Pyrene-d10	19.96	212	378764	20.26	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.95	264	388695	19.42	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	7635	7.596	ng/uL	91
4) Benzaldehyde	7.39	77	56832	21.328	ng/ul	84
6) Phenol	7.43	94	77390	18.591	ng/ul#	62
8) Bis(2-Chloroethyl)ether	7.67	93	57940	18.848	ng/ul#	82
10) 2-Chlorophenol	7.81	128	65464	19.580	ng/ul#	86
11) 2-Methylphenol	8.70	108	61128	19.093	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.78	45	91747m	18.791	ng/ul	
14) Acetophenone	9.09	105	113898	19.308	ng/ul#	76
15) N-Nitroso-di-n-propylamine	9.06	70	59824	20.273	ng/ul#	65
16) 4-Methylphenol	9.03	108	69075	19.536	ng/ul	94
17) Hexachloroethane	9.33	117	31754	21.103	ng/ul	86
20) Nitrobenzene	9.48	77	92290	19.783	ng/ul#	86
21) Isophorone	10.00	82	160683	19.741	ng/ul#	98
23) 2-Nitrophenol	10.19	139	41323	20.518	ng/ul#	75
24) 2,4-Dimethylphenol	10.24	107	94003	20.408	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.47	93	90570	19.124	ng/ul	99
27) 2,4-Dichlorophenol	10.73	162	74469	20.929	ng/ul	98
28) Naphthalene	11.13	128	234610	19.259	ng/ul	99
30) 4-Chloroaniline	11.25	127	97942	22.215	ng/ul	98
31) Hexachlorobutadiene	11.38	225	50239	20.099	ng/ul	96
32) Caprolactam	12.04	113	22166m	18.482	ng/ul	
33) 4-Chloro-3-methylphenol	12.35	107	87221	20.877	ng/ul	98
34) 2-Methylnaphthalene	12.72	142	176441	19.521	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.08	216	90741	19.783 ng/ul#	97
37) Hexachlorocyclopentadiene	13.04	237	30558	14.052 ng/ul	94
38) 2,4,6-Trichlorophenol	13.32	196	61369	20.721 ng/ul	97
39) 2,4,5-Trichlorophenol	13.40	196	61716	19.615 ng/ul	99
40) 1,1'-Biphenyl	13.71	154	241827	19.324 ng/ul	97
41) 2-Chloronaphthalene	13.76	162	185702	19.226 ng/ul	98
42) 2-Nitroaniline	13.98	65	63094	20.413 ng/ul#	73
44) Dimethylphthalate	14.33	163	254180	19.054 ng/ul	99
45) 2,6-Dinitrotoluene	14.46	165	48197	20.220 ng/ul#	66
47) Acenaphthylene	14.60	152	296243	19.689 ng/ul	99
48) 3-Nitroaniline	14.80	138	48711	19.846 ng/ul	90
49) Acenaphthene	14.94	153	211937	19.394 ng/ul	96
50) 2,4-Dinitrophenol	15.02	184	17670	13.415 ng/ul#	2
52) 4-Nitrophenol	15.10	109	54500	19.587 ng/ul#	72
53) Dibenzofuran	15.27	168	298630	19.149 ng/ul	88
54) 2,4-Dinitrotoluene	15.26	165	74727	19.533 ng/ul#	39
55) 2,3,4,6-Tetrachlorophenol	15.50	232	58345	20.356 ng/ul#	84
56) Diethylphthalate	15.67	149	280957	19.377 ng/ul	95
58) Fluorene	15.92	166	245309	19.415 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.90	204	122831	19.507 ng/ul	93
60) 4-Nitroaniline	15.96	138	48502	18.016 ng/ul#	58
63) 4,6-Dinitro-2-methylphenol	16.02	198	38324	16.199 ng/ul#	79
64) N-Nitrosodiphenylamine	16.12	169	208459	19.442 ng/ul	98
65) 4-Bromophenyl-phenylether	16.79	248	72362	19.398 ng/ul	93
66) Hexachlorobenzene	16.91	284	79469	19.080 ng/ul#	87
67) Atrazine	17.05	200	82904	19.374 ng/ul	97
68) Pentachlorophenol	17.26	266	39511	17.646 ng/ul	99
69) Phenanthrene	17.64	178	392357m	19.171 ng/ul	
71) Anthracene	17.74	178	405606	19.221 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.69	216	96738	19.977 ng/uL	97
73) Pentachlorobenzene	15.19	250	92174	19.456 ng/uL	99
74) Carbazole	18.01	167	357054	18.670 ng/ul	97
75) Di-n-butylphthalate	18.53	149	486067	19.893 ng/ul#	96
76) Fluoranthene	19.63	202	460864	17.943 ng/ul#	94
79) Pyrene	19.99	202	479370	20.160 ng/ul	94
80) Butylbenzylphthalate	20.84	149	241624	21.122 ng/ul	87
81) 3,3'-Dichlorobenzidine	21.63	252	168228	18.960 ng/ul	99
82) Benzo(a)anthracene	21.70	228	509294	19.530 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.59	149	351563	20.957 ng/ul	93
84) Chrysene	21.76	228	469747	19.257 ng/ul	99
86) Di-n-octyl phthalate	22.50	149	606126	21.260 ng/ul#	83
87) Benzo(b)fluoranthene	23.38	252	478680	20.500 ng/ul#	98
88) Benzo(k)fluoranthene	23.43	252	452248m	20.261 ng/ul	
90) Benzo(a)pyrene	24.00	252	432047	19.244 ng/ul#	98
91) Indeno(1,2,3-cd)pyrene	26.54	276	428988	15.541 ng/ul#	94
92) Dibenzo(a,h)anthracene	26.55	278	367068	15.703 ng/ul#	95
93) Benzo(g,h,i)perylene	27.30	276	334349	15.148 ng/ul#	92

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

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