Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073018\
Data File : BM016121.D
Acq On : 30 Jul 2018 17:49
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Manual Integrations APPROVED
Sohil
7/31/2018 3:37:48 PM

Quant Time: Jul 31 06:35:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 27 23:04:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	34852	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	161918	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.83	164	98630	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	235643	20.00	ng/ul	0.00
77) Chrysene-d12	21.67	240	294845	20.00	ng/ul	0.00
85) Perylene-d12	24.03	264	298422	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	7225	9.13	ng/uL	0.00
5) Phenol-d5	7.35	99	55065	17.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	37383	18.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	49812	19.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	47762	17.51	ng/ul	0.00
19) Nitrobenzene-d5	9.39	128	23732	20.41	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	27137	20.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	50616	19.77	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	68543	22.01	ng/ul	0.00
43) Dimethylphthalate-d6	14.23	166	178399	19.84	ng/ul	0.00
46) Acenaphthylene-d8	14.52	160	206136	20.10	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	25242	16.20	ng/ul	0.00
57) Fluorene-d10	15.81	176	149551	19.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.95	200	26850	17.07	ng/ul	0.00
70) Anthracene-d10	17.65	188	235507	19.52	ng/ul	0.00
78) Pyrene-d10	19.92	212	270716	19.81	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.89	264	323483	19.71	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	7180	9.298	ng/uL#	78
4) Benzaldehyde	7.34	77	42114	20.572	ng/ul	90
6) Phenol	7.38	94	56127	17.550	ng/ul#	63
8) Bis(2-Chloroethyl)ether	7.62	93	43195	18.290	ng/ul#	86
10) 2-Chlorophenol	7.76	128	50096	19.504	ng/ul	92
11) 2-Methylphenol	8.65	108	42787	17.395	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.72	45	64559	17.211	ng/ul	94
14) Acetophenone	9.04	105	83059	18.327	ng/ul#	77
15) N-Nitroso-di-n-propylamine	9.01	70	42403	18.703	ng/ul#	59
16) 4-Methylphenol	8.98	108	47138	17.353	ng/ul	97
17) Hexachloroethane	9.27	117	27093	23.437	ng/ul#	84
20) Nitrobenzene	9.43	77	68821	20.942	ng/ul#	87
21) Isophorone	9.95	82	112557	19.631	ng/ul#	96
23) 2-Nitrophenol	10.14	139	28092	19.801	ng/ul#	60
24) 2,4-Dimethylphenol	10.19	107	66277	20.426	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.42	93	63297	18.973	ng/ul	96
27) 2,4-Dichlorophenol	10.67	162	49920	19.916	ng/ul	99
28) Naphthalene	11.07	128	165762	19.317	ng/ul	98
30) 4-Chloroaniline	11.19	127	67208	21.640	ng/ul	97
31) Hexachlorobutadiene	11.32	225	37936	21.544	ng/ul	96
32) Caprolactam	11.97	113	15121m	17.897	ng/ul	
33) 4-Chloro-3-methylphenol	12.30	107	57708	19.609	ng/ul	90
34) 2-Methylnaphthalene	12.66	142	122765	19.281	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.03	216	62847	20.530 ng/ul#	93
37) Hexachlorocyclopentadiene	12.99	237	25030	17.246 ng/ul	99
38) 2,4,6-Trichlorophenol	13.27	196	41814	21.154 ng/ul	95
39) 2,4,5-Trichlorophenol	13.35	196	40281	19.182 ng/ul	98
40) 1,1'-Biphenyl	13.66	154	164123	19.650 ng/ul	100
41) 2-Chloronaphthalene	13.71	162	125962	19.540 ng/ul	96
42) 2-Nitroaniline	13.93	65	42893	20.793 ng/ul#	72
44) Dimethylphthalate	14.27	163	178039	19.997 ng/ul	98
45) 2,6-Dinitrotoluene	14.42	165	32971	20.725 ng/ul#	57
47) Acenaphthylene	14.55	152	203548	20.270 ng/ul	98
48) 3-Nitroaniline	14.75	138	32262	19.695 ng/ul	88
49) Acenaphthene	14.89	153	145761	19.985 ng/ul	95
50) 2,4-Dinitrophenol	14.97	184	13452	15.302 ng/ul#	1
52) 4-Nitrophenol	15.05	109	38258	20.601 ng/ul#	68
53) Dibenzofuran	15.22	168	202469	19.453 ng/ul#	83
54) 2,4-Dinitrotoluene	15.20	165	52464	20.548 ng/ul#	33
55) 2,3,4,6-Tetrachlorophenol	15.45	232	38559	20.157 ng/ul#	85
56) Diethylphthalate	15.62	149	203117	20.990 ng/ul	94
58) Fluorene	15.87	166	166375	19.730 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.85	204	84664	20.147 ng/ul	90
60) 4-Nitroaniline	15.91	138	32886	18.303 ng/ul#	40
63) 4,6-Dinitro-2-methylphenol	15.97	198	29019	18.018 ng/ul#	75
64) N-Nitrosodiphenylamine	16.07	169	144258	19.764 ng/ul	98
65) 4-Bromophenyl-phenylether	16.74	248	49545	19.510 ng/ul#	88
66) Hexachlorobenzene	16.86	284	53131	18.738 ng/ul#	85
67) Atrazine	17.00	200	57204	19.637 ng/ul	98
68) Pentachlorophenol	17.21	266	27513	18.050 ng/ul	92
69) Phenanthrene	17.60	178	268276	19.256 ng/ul	98
71) Anthracene	17.69	178	281300	19.582 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.63	216	64684	19.622 ng/uL	98
73) Pentachlorobenzene	15.14	250	61357	19.025 ng/uL	99
74) Carbazole	17.96	167	242284	18.610 ng/ul	97
75) Di-n-butylphthalate	18.48	149	349418	21.007 ng/ul#	96
76) Fluoranthene	19.59	202	325361	18.608 ng/ul#	94
79) Pyrene	19.94	202	340614	19.596 ng/ul#	92
80) Butylbenzylphthalate	20.80	149	177625	21.242 ng/ul#	79
81) 3,3'-Dichlorobenzidine	21.59	252	126520	19.507 ng/ul	97
82) Benzo(a)anthracene	21.66	228	378583	19.860 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.55	149	264728	21.588 ng/ul	93
84) Chrysene	21.72	228	348273	19.532 ng/ul	98
86) Di-n-octyl phthalate	22.46	149	471243	20.161 ng/ul#	84
87) Benzo(b)fluoranthene	23.32	252	369634	19.309 ng/ul#	96
88) Benzo(k)fluoranthene	23.36	252	372476	20.355 ng/ul	97
90) Benzo(a)pyrene	23.93	252	364101	19.782 ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	26.45	276	398365	17.603 ng/ul#	94
92) Dibenzo(a,h)anthracene	26.44	278	339510	17.716 ng/ul#	95
93) Benzo(g,h,i)perylene	27.19	276	317687	17.557 ng/ul#	94

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

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