Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091118\
Data File : BM016714.D
Acq On : 11 Sep 2018 10:00
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02055

Manual Integrations APPROVED
Sohil
9/12/2018 2:57:30 PM

Quant Time: Sep 11 11:06:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 10 15:28:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	189213	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	808161	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	444448	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	967108	20.00	ng/ul	0.00
78) Chrysene-d12	21.32	240	1061588	20.00	ng/ul	0.00
86) Perylene-d12	23.56	264	1093896	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	36163	8.17	ng/uL	0.00
5) Phenol-d5	6.90	99	315361	19.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	199459	20.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	261429	20.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	245568	19.89	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	106567	20.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	95079	19.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	240969	19.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	304623	20.57	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	698719	19.58	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	909311	19.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	109423	18.68	ng/ul	0.00
58) Fluorene-d10	15.37	176	621766	19.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	68177	17.17	ng/ul	0.00
71) Anthracene-d10	17.23	188	932320	19.98	ng/ul	0.00
79) Pyrene-d10	19.52	212	1013762	19.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.42	264	1122346	19.67	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	36567	7.942	ng/uL#	76
4) Benzaldehyde	6.89	77	213587	23.781	ng/ul	94
6) Phenol	6.93	94	317302	19.918	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.18	93	245670	20.029	ng/ul	92
10) 2-Chlorophenol	7.30	128	263759	20.161	ng/ul	99
11) 2-Methylphenol	8.17	108	234811	19.667	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.27	45	394605	20.344	ng/ul	95
14) Acetophenone	8.56	105	388480	20.296	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.55	70	191596	20.004	ng/ul#	88
16) 4-Methylphenol	8.50	108	253491	20.086	ng/ul	98
17) Hexachloroethane	8.81	117	102601	19.967	ng/ul	85
20) Nitrobenzene	8.93	77	270256	20.120	ng/ul	92
21) Isophorone	9.46	82	520588	19.501	ng/ul	98
23) 2-Nitrophenol	9.64	139	111564	20.017	ng/ul	96
24) 2,4-Dimethylphenol	9.70	107	285617	19.859	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.95	93	330453	20.027	ng/ul	98
27) 2,4-Dichlorophenol	10.17	162	235054	19.942	ng/ul	96
28) Naphthalene	10.57	128	830391	19.983	ng/ul	99
30) 4-Chloroaniline	10.68	127	305247	20.599	ng/ul	99
31) Hexachlorobutadiene	10.86	225	161519	20.301	ng/ul	99
32) Caprolactam	11.44	113	67041m	17.985	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	247325	20.020	ng/ul	92
34) 2-Methylnaphthalene	12.19	142	587976	20.081	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.19	142	587976	20.081	ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	305952	20.044	ng/ul#	96
38) Hexachlorocyclopentadiene	12.54	237	180395	18.981	ng/ul#	98
39) 2,4,6-Trichlorophenol	12.80	196	170010	19.560	ng/ul	96
40) 2,4,5-Trichlorophenol	12.87	196	186973	19.711	ng/ul	96
41) 1,1'-Biphenyl	13.21	154	735933	19.904	ng/ul#	97
42) 2-Chloronaphthalene	13.25	162	578404	19.989	ng/ul	97
43) 2-Nitroaniline	13.45	65	128639	20.181	ng/ul	95
45) Dimethylphthalate	13.85	163	690411	19.796	ng/ul	99
46) 2,6-Dinitrotoluene	13.96	165	112168	20.939	ng/ul	95
48) Acenaphthylene	14.10	152	872252	19.993	ng/ul	100
49) 3-Nitroaniline	14.28	138	110565	18.981	ng/ul#	96
50) Acenaphthene	14.44	153	622890	20.110	ng/ul	99
51) 2,4-Dinitrophenol	14.49	184	38897	16.233	ng/ul#	85
53) 4-Nitrophenol	14.59	109	88908	19.700	ng/ul#	79
54) Dibenzofuran	14.78	168	853224	20.077	ng/ul	98
55) 2,4-Dinitrotoluene	14.74	165	167836	21.307	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	15.00	232	150568	19.624	ng/ul#	83
57) Diethylphthalate	15.22	149	691572	20.015	ng/ul	96
59) Fluorene	15.43	166	703357	20.146	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.43	204	361472	20.420	ng/ul	93
61) 4-Nitroaniline	15.45	138	139915	19.553	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.50	198	75534	16.968	ng/ul	97
65) N-Nitrosodiphenylamine	15.65	169	598266	19.999	ng/ul	99
66) 4-Bromophenyl-phenylether	16.33	248	215702	19.713	ng/ul	96
67) Hexachlorobenzene	16.43	284	233065	19.792	ng/ul#	91
68) Atrazine	16.60	200	206853	19.564	ng/ul	98
69) Pentachlorophenol	16.77	266	114589	17.995	ng/ul	97
70) Phenanthrene	17.17	178	1092686	20.340	ng/ul	99
72) Anthracene	17.26	178	1110103	20.128	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	318450	19.895	ng/uL	96
74) Pentachlorobenzene	14.69	250	290721	20.135	ng/uL	99
75) Carbazole	17.53	167	970740	20.023	ng/ul	98
76) Di-n-butylphthalate	18.12	149	1100550	19.511	ng/ul	100
77) Fluoranthene	19.19	202	1247217	20.254	ng/ul#	91
80) Pyrene	19.55	202	1283045	19.683	ng/ul#	88
81) Butylbenzylphthalate	20.47	149	448988	18.625	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.24	252	395349	18.799	ng/ul#	96
83) Benzo(a)anthracene	21.30	228	1303493	19.834	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.26	149	719657	18.996	ng/ul	96
85) Chrysene	21.35	228	1228990	20.053	ng/ul	98
87) Di-n-octyl phthalate	22.15	149	1182461	17.991	ng/ul	100
88) Benzo(b)fluoranthene	22.89	252	1300731	19.866	ng/ul#	96
89) Benzo(k)fluoranthene	22.93	252	1262293	20.077	ng/ul#	97
91) Benzo(a)pyrene	23.46	252	1254188	20.096	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.81	276	1461293	19.628	ng/ul#	88
93) Dibenzo(a,h)anthracene	25.84	278	1230528	19.759	ng/ul#	95
94) Benzo(g,h,i)perylene	26.50	276	1217369	19.719	ng/ul#	91

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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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