Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061818\
Data File : BM015696.D
Acq On : 18 Jun 2018 17:25
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02015

Manual Integrations APPROVED
Sohil
6/19/2018 6:02:30 PM

Quant Time: Jun 19 04:33:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 19 04:16:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	65321	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	302034	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.94	164	183314	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.67	188	431330	20.00	ng/ul	0.00
77) Chrysene-d12	21.77	240	553357	20.00	ng/ul	0.00
85) Perylene-d12	24.19	264	606541	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	11546	8.59	ng/uL	0.00
5) Phenol-d5	7.47	99	106624	17.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.64	67	67725	18.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.85	132	90508	19.96	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	91934	18.00	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	42510	20.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	45147	20.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.77	165	91885	20.31	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	121199	24.05	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	303632	20.01	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	330792	20.21	ng/ul	0.00
51) 4-Nitrophenol-d4	15.14	143	51380	17.54	ng/ul	0.00
57) Fluorene-d10	15.93	176	253975	19.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	45261	17.42	ng/ul	0.00
70) Anthracene-d10	17.77	188	398987	20.29	ng/ul	0.00
78) Pyrene-d10	20.02	212	463823	19.49	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.03	264	614187	20.20	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	12087m	8.739	ng/uL	
4) Benzaldehyde	7.46	77	69376	22.320	ng/ul	91
6) Phenol	7.50	94	111575	18.112	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.73	93	87387	19.133	ng/ul	90
10) 2-Chlorophenol	7.88	128	92771	19.855	ng/ul#	89
11) 2-Methylphenol	8.77	108	85854	18.204	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.85	45	139119	18.203	ng/ul#	88
14) Acetophenone	9.16	105	146420	18.318	ng/ul#	82
15) N-Nitroso-di-n-propylamine	9.13	70	76126	18.000	ng/ul#	71
16) 4-Methylphenol	9.10	108	93203	17.726	ng/ul	96
17) Hexachloroethane	9.41	117	38642	20.981	ng/ul	95
20) Nitrobenzene	9.55	77	116014	21.149	ng/ul	90
21) Isophorone	10.07	82	203556	19.409	ng/ul	98
23) 2-Nitrophenol	10.27	139	52341	20.781	ng/ul#	87
24) 2,4-Dimethylphenol	10.31	107	115036	20.644	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.55	93	122537	19.543	ng/ul	98
27) 2,4-Dichlorophenol	10.80	162	91728	20.309	ng/ul	96
28) Naphthalene	11.20	128	306703	20.288	ng/ul	99
30) 4-Chloroaniline	11.32	127	125160	23.940	ng/ul	98
31) Hexachlorobutadiene	11.46	225	60612	21.878	ng/ul	98
32) Caprolactam	12.09	113	29096	16.864	ng/ul#	49
33) 4-Chloro-3-methylphenol	12.42	107	103606	19.267	ng/ul	99
34) 2-Methylnaphthalene	12.79	142	221804	19.131	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.15	216	112417	21.248	ng/ul	98
37) Hexachlorocyclopentadiene	13.12	237	30567	14.280	ng/ul	98
38) 2,4,6-Trichlorophenol	13.39	196	72144	20.808	ng/ul	97
39) 2,4,5-Trichlorophenol	13.47	196	79200	20.718	ng/ul	100
40) 1,1'-Biphenyl	13.78	154	292236	20.425	ng/ul	98
41) 2-Chloronaphthalene	13.83	162	227865	20.589	ng/ul	98
42) 2-Nitroaniline	14.05	65	70544	20.568	ng/ul#	79
44) Dimethylphthalate	14.39	163	308038	19.877	ng/ul	99
45) 2,6-Dinitrotoluene	14.53	165	57750	20.094	ng/ul#	85
47) Acenaphthylene	14.67	152	351362	20.563	ng/ul	99
48) 3-Nitroaniline	14.86	138	58348	19.968	ng/ul	87
49) Acenaphthene	15.01	153	250559	19.869	ng/ul	99
50) 2,4-Dinitrophenol	15.08	184	21905	12.741	ng/ul#	1
52) 4-Nitrophenol	15.16	109	53481	20.580	ng/ul#	84
53) Dibenzofuran	15.34	168	354318	19.970	ng/ul	97
54) 2,4-Dinitrotoluene	15.31	165	90143	20.198	ng/ul#	70
55) 2,3,4,6-Tetrachlorophenol	15.56	232	68453	19.800	ng/ul#	96
56) Diethylphthalate	15.73	149	321556	19.741	ng/ul	99
58) Fluorene	15.98	166	289618	19.519	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.96	204	146617	19.850	ng/ul	98
60) 4-Nitroaniline	16.01	138	63460m	17.897	ng/ul	
63) 4,6-Dinitro-2-methylphenol	16.07	198	49685	17.896	ng/ul#	85
64) N-Nitrosodiphenylamine	16.18	169	252597	20.327	ng/ul	99
65) 4-Bromophenyl-phenylether	16.85	248	87524	19.965	ng/ul	99
66) Hexachlorobenzene	16.97	284	101804	19.868	ng/ul	98
67) Atrazine	17.11	200	95570	20.847	ng/ul	98
68) Pentachlorophenol	17.32	266	49510	16.796	ng/ul	99
69) Phenanthrene	17.71	178	472162	19.946	ng/ul	99
71) Anthracene	17.80	178	482828	20.025	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.76	216	114355	21.983	ng/uL	99
73) Pentachlorobenzene	15.26	250	113919	20.837	ng/uL	99
74) Carbazole	18.07	167	442973	19.875	ng/ul	99
75) Di-n-butylphthalate	18.59	149	540081	20.136	ng/ul#	98
76) Fluoranthene	19.69	202	578885	19.943	ng/ul	98
79) Pyrene	20.04	202	601829	19.387	ng/ul	98
80) Butylbenzylphthalate	20.90	149	288030	20.775	ng/ul	92
81) 3,3'-Dichlorobenzidine	21.68	252	232612	20.594	ng/ul	98
82) Benzo(a)anthracene	21.76	228	675931	20.146	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.64	149	415032	20.363	ng/ul	97
84) Chrysene	21.82	228	632244	20.083	ng/ul	100
86) Di-n-octyl phthalate	22.57	149	743067	19.467	ng/ul#	87
87) Benzo(b)fluoranthene	23.45	252	711686	19.741	ng/ul	99
88) Benzo(k)fluoranthene	23.50	252	704704	20.716	ng/ul	98
90) Benzo(a)pyrene	24.08	252	699482	20.307	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	26.67	276	851971	19.745	ng/ul	95
92) Dibenzo(a,h)anthracene	26.67	278	720203	19.781	ng/ul	97
93) Benzo(g,h,i)perylene	27.44	276	693380	19.495	ng/ul	96

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

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