Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM021418\
Data File : BM014235.D
Acq On : 14 Feb 2018 14:04
Operator : SJ/JU
Sample : SSTD08036
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD08036

Manual Integrations APPROVED
Sohil
2/15/2018 11:08:56 AM

Quant Time: Feb 14 14:41:44 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 14 13:24:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	91839	20.00	ng/ul	0.00
18) Naphthalene-d8	10.31	136	438620	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	319595	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	797459	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	826341	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	607264	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	63255	31.61	ng/uL	0.00
5) Phenol-d5	6.73	99	670387	97.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	388288	93.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	525199	96.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	592300	102.48	ng/ul	0.01
19) Nitrobenzene-d5	8.70	128	272702	86.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	316917	90.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	645904	87.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	618008	96.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	2249221	84.80	ng/ul	0.01
46) Acenaphthylene-d8	13.89	160	2828846	87.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	367112	100.44	ng/ul	0.01
57) Fluorene-d10	15.20	176	2013021	84.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	432705	88.36	ng/ul	0.01
70) Anthracene-d10	17.06	188	3323171	85.83	ng/ul	0.00
76) Pyrene-d10	19.36	212	3688259	92.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	2590869	86.93	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	66164	30.104	ng/uL#	68
4) Benzaldehyde	6.70	77	275765	83.291	ng/ul	94
6) Phenol	6.76	94	703698	101.904	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.99	93	485049	90.348	ng/ul	96
10) 2-Chlorophenol	7.11	128	531886	96.434	ng/ul	99
11) 2-Methylphenol	7.99	108	526171	98.943	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.06	45	482922	89.555	ng/ul#	76
14) Acetophenone	8.37	105	1008453	103.355	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.37	70	528867	105.972	ng/ul#	79
16) 4-Methylphenol	8.33	108	586594	103.231	ng/ul	95
17) Hexachloroethane	8.59	117	255907	88.952	ng/ul#	71
20) Nitrobenzene	8.75	77	803188	90.269	ng/ul	100
21) Isophorone	9.27	82	1393482	93.031	ng/ul	98
23) 2-Nitrophenol	9.45	139	325085	90.234	ng/ul	97
24) 2,4-Dimethylphenol	9.52	107	782547	96.325	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.75	93	752918	91.254	ng/ul	95
27) 2,4-Dichlorophenol	9.97	162	620091	90.526	ng/ul#	89
28) Naphthalene	10.36	128	1936617	87.703	ng/ul	100
30) 4-Chloroaniline	10.49	127	629315	98.280	ng/ul	91
31) Hexachlorobutadiene	10.63	225	424395	68.720	ng/ul	91
32) Caprolactam	11.32	113	183650m	97.648	ng/ul	
33) 4-Chloro-3-methylphenol	11.64	107	734137	102.310	ng/ul	97
34) 2-Methylnaphthalene	11.99	142	1519390	91.136	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.36	216	874010	74.897	ng/ul#	97
37) Hexachlorocyclopentadiene	12.33	237	521527	82.069	ng/ul	99
38) 2,4,6-Trichlorophenol	12.62	196	579134	85.325	ng/ul	97
39) 2,4,5-Trichlorophenol	12.70	196	592944	84.922	ng/ul	99
40) 1,1'-Biphenyl	13.02	154	2176515	87.672	ng/ul	98
41) 2-Chloronaphthalene	13.06	162	1669570	83.243	ng/ul	97
42) 2-Nitroaniline	13.29	65	602451	105.737	ng/ul	94
44) Dimethylphthalate	13.67	163	2198805	85.995	ng/ul	99
45) 2,6-Dinitrotoluene	13.80	165	464878	93.608	ng/ul#	85
47) Acenaphthylene	13.92	152	2648958	88.666	ng/ul	99
48) 3-Nitroaniline	14.13	138	388454	104.087	ng/ul	96
49) Acenaphthene	14.26	153	1870553	89.299	ng/ul	98
50) 2,4-Dinitrophenol	14.35	184	275773	103.515	ng/ul#	76
52) 4-Nitrophenol	14.47	109	461801	104.834	ng/ul#	72
53) Dibenzofuran	14.60	168	2795848	87.650	ng/ul	94
54) 2,4-Dinitrotoluene	14.60	165	746717	99.371	ng/ul#	69
55) 2,3,4,6-Tetrachlorophenol	14.84	232	594263	84.430	ng/ul#	81
56) Diethylphthalate	15.04	149	2488044	92.761	ng/ul	93
58) Fluorene	15.26	166	2407358	90.503	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.25	204	1246274	81.824	ng/ul	90
60) 4-Nitroaniline	15.32	138	431351	102.845	ng/ul#	74
63) 4,6-Dinitro-2-methylphenol	15.37	198	447399	90.158	ng/ul	91
64) N-Nitrosodiphenylamine	15.47	169	1996301	86.765	ng/ul	98
65) 4-Bromophenyl-phenylether	16.15	248	763562	76.608	ng/ul#	91
66) Hexachlorobenzene	16.26	284	784819	74.002	ng/ul#	81
67) Atrazine	16.44	200	783164	84.746	ng/ul	95
68) Pentachlorophenol	16.62	266	450710	86.316	ng/ul	95
69) Phenanthrene	17.00	178	3921367	87.457	ng/ul	99
71) Anthracene	17.09	178	3957232	87.112	ng/ul	99
72) Carbazole	17.37	167	3312705	89.411	ng/ul	98
73) Di-n-butylphthalate	17.93	149	4626976	99.552	ng/ul	99
74) Fluoranthene	19.03	202	4641913	83.212	ng/ul#	92
77) Pyrene	19.39	202	4721363	95.750	ng/ul#	89
78) Butylbenzylphthalate	20.30	149	2149142	110.562	ng/ul#	94
79) 3,3'-Dichlorobenzidine	21.09	252	1314304	102.065	ng/ul#	95
80) Benzo(a)anthracene	21.15	228	4351872	84.544	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.08	149	3219554	113.600	ng/ul#	95
82) Chrysene	21.20	228	4017174	83.026	ng/ul	99
84) Di-n-octyl phthalate	21.94	149	4744146	122.726	ng/ul	96
85) Benzo(b)fluoranthene	22.69	252	3651743	95.294	ng/ul#	98
86) Benzo(k)fluoranthene	22.74	252	3362818	89.265	ng/ul#	98
88) Benzo(a)pyrene	23.25	252	3188449	88.291	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.51	276	2980276	75.309	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.52	278	2533269	75.491	ng/ul#	96
91) Benzo(g,h,i)perylene	26.17	276	2353956	71.948	ng/ul#	95

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

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