Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009218.D
Acq On : 13 Mar 2017 15:23
Operator : SJ/MA
Sample : SSTD01061
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD01061

Manual Integrations APPROVED
mohammad
3/15/2017 3:39:26 PM

Quant Time: Mar 13 17:30:01 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 13 17:23:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	123454	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	595385	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	500984	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	1199419	20.00	ng/ul	0.00
77) Chrysene-d12	21.44	240	1703494	20.00	ng/ul	0.00
85) Perylene-d12	23.77	264	1727702	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.35	96	11922	4.54	ng/uL	0.00
5) Phenol-d5	7.03	99	112222	11.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	83119	15.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	73656	10.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	91805	12.43	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	37924	8.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	42523	8.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	95318	10.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	110126	11.00	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	365981	11.12	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	412628	10.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	62708	12.66	ng/ul	0.00
57) Fluorene-d10	15.51	176	323191	11.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	57075	8.15	ng/ul	0.00
70) Anthracene-d10	17.36	188	538504	10.27	ng/ul	0.00
78) Pyrene-d10	19.65	212	667260	10.07	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.62	264	751583	10.35	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	12700	3.98	ng/uL#	63
4) Benzaldehyde	7.03	77	97123	15.33	ng/ul#	84
6) Phenol	7.06	94	121160	12.33	ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.30	93	96988	13.00	ng/ul#	82
10) 2-Chlorophenol	7.44	128	79519	10.96	ng/ul#	74
11) 2-Methylphenol	8.31	108	88959	12.33	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.41	45	166188	19.73	ng/ul#	92
14) Acetophenone	8.70	105	166717	13.92	ng/ul#	74
15) N-Nitroso-di-n-propylamine	8.68	70	104932	17.08	ng/ul#	82
16) 4-Methylphenol	8.64	108	104405	13.39	ng/ul	97
17) Hexachloroethane	8.96	117	35359	10.66	ng/ul	89
20) Nitrobenzene	9.09	77	136278	12.13	ng/ul#	78
21) Isophorone	9.60	82	270018	13.55	ng/ul#	92
23) 2-Nitrophenol	9.79	139	47598	9.62	ng/ul#	61
24) 2,4-Dimethylphenol	9.84	107	123945	11.29	ng/ul	87
25) Bis(2-Chloroethoxy)methane	10.09	93	149574	12.93	ng/ul#	96
27) 2,4-Dichlorophenol	10.32	162	90279	10.23	ng/ul	97
28) Naphthalene	10.73	128	297904	10.53	ng/ul	98
30) 4-Chloroaniline	10.85	127	123409	12.21	ng/ul	93
31) Hexachlorobutadiene	11.00	225	65684	9.17	ng/ul	93
32) Caprolactam	11.62	113	37250m	13.73	ng/ul	
33) 4-Chloro-3-methylphenol	11.95	107	124128	13.04	ng/ul#	90
34) 2-Methylnaphthalene	12.34	142	229539	11.30	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	144881	9.23	ng/ul	98
37) Hexachlorocyclopentadiene	12.68	237	74806	12.38	ng/ul	91
38) 2,4,6-Trichlorophenol	12.95	196	87031	9.59	ng/ul	95
39) 2,4,5-Trichlorophenol	13.02	196	101402	10.51	ng/ul	97
40) 1,1'-Biphenyl	13.35	154	336702	10.14	ng/ul#	96
41) 2-Chloronaphthalene	13.39	162	256369	10.00	ng/ul	94
42) 2-Nitroaniline	13.60	65	102251	13.33	ng/ul#	63
44) Dimethylphthalate	13.97	163	364607	11.31	ng/ul	98
45) 2,6-Dinitrotoluene	14.10	165	64304	10.17	ng/ul#	67
47) Acenaphthylene	14.24	152	413521	10.35	ng/ul	98
48) 3-Nitroaniline	14.43	138	71421	11.51	ng/ul#	70
49) Acenaphthene	14.59	153	293876	10.70	ng/ul	99
50) 2,4-Dinitrophenol	14.63	184	34361	9.54	ng/ul#	75
52) 4-Nitrophenol	14.72	109	78850	15.97	ng/ul#	66
53) Dibenzofuran	14.92	168	440631	11.09	ng/ul	97
54) 2,4-Dinitrotoluene	14.89	165	104773	11.20	ng/ul#	72
55) 2,3,4,6-Tetrachlorophenol	15.14	232	96770	10.72	ng/ul#	94
56) Diethylphthalate	15.33	149	383817	11.89	ng/ul	99
58) Fluorene	15.57	166	373379	11.49	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.56	204	191871	11.02	ng/ul	91
60) 4-Nitroaniline	15.59	138	80974	14.31	ng/ul#	73
63) 4,6-Dinitro-2-methylphenol	15.64	198	59348	8.22	ng/ul#	84
64) N-Nitrosodiphenylamine	15.77	169	323665	9.82	ng/ul	99
65) 4-Bromophenyl-phenylether	16.46	248	127063	9.50	ng/ul#	81
66) Hexachlorobenzene	16.56	284	141485	9.48	ng/ul	92
67) Atrazine	16.72	200	127900	9.56	ng/ul	97
68) Pentachlorophenol	16.91	266	81233	9.94	ng/ul	98
69) Phenanthrene	17.31	178	636271	10.29	ng/ul	99
71) Anthracene	17.40	178	656751	10.51	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.32	216	137119	7.64	ng/uL	94
73) Pentachlorobenzene	14.83	250	144186	7.95	ng/uL	97
74) Carbazole	17.67	167	591255	10.81	ng/ul	98
75) Di-n-butylphthalate	18.22	149	689114	10.98	ng/ul	99
76) Fluoranthene	19.32	202	806844	10.76	ng/ul	97
79) Pyrene	19.68	202	853584	10.07	ng/ul	97
80) Butylbenzylphthalate	20.57	149	334583	10.68	ng/ul#	80
81) 3,3'-Dichlorobenzidine	21.36	252	271418	9.33	ng/ul	99
82) Benzo(a)anthracene	21.42	228	951153	10.75	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.33	149	538727	11.73	ng/ul#	99
84) Chrysene	21.47	228	883577	10.39	ng/ul	99
86) Di-n-octyl phthalate	22.24	149	908725	10.77	ng/ul#	87
87) Benzo(b)fluoranthene	23.06	252	968273	10.49	ng/ul#	97
88) Benzo(k)fluoranthene	23.11	252	936549	10.46	ng/ul#	95
90) Benzo(a)pyrene	23.67	252	949791	10.63	ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	26.16	276	1127425	10.29	ng/ul#	89
92) Dibenzo(a,h)anthracene	26.16	278	960206	10.41	ng/ul#	94
93) Benzo(g,h,i)perylene	26.88	276	946744	10.37	ng/ul#	90

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

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