Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013800.D
Acq On : 25 Jan 2018 10:19
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02041

Manual Integrations APPROVED
Sohil
1/25/2018 5:36:26 PM

Quant Time: Jan 25 12:15:54 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 25 03:36:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	41515	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	165726	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	83904	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	160303	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	146056	20.00	ng/ul	0.00
83) Perylene-d12	23.40	264	157111	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	5519	5.25	ng/uL	0.00
5) Phenol-d5	6.78	99	60025	18.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	37199	19.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	55867	21.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	47789	19.51	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	25415	19.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	29135	21.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	49730	18.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	52962	23.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	136183	19.69	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	179764	20.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	18112	16.12	ng/ul	0.01
57) Fluorene-d10	15.24	176	116274	19.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	12542	13.00	ng/ul	0.00
70) Anthracene-d10	17.10	188	162656	20.83	ng/ul	0.00
76) Pyrene-d10	19.40	212	149544	21.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.26	264	142602	19.75	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	5331	4.633	ng/uL#	57
4) Benzaldehyde	6.75	77	43812	19.864	ng/ul	91
6) Phenol	6.82	94	63955	20.007	ng/ul#	79
8) Bis(2-Chloroethyl)ether	7.03	93	48964	19.575	ng/ul	97
10) 2-Chlorophenol	7.16	128	55427	21.415	ng/ul	95
11) 2-Methylphenol	8.05	108	49462	20.991	ng/ul	87
12) 2,2'-oxybis(1-Chloropropan	8.13	45	46768	18.375	ng/ul#	71
14) Acetophenone	8.42	105	79076	19.504	ng/ul	87
15) N-Nitroso-di-n-propylamine	8.40	70	37031	18.721	ng/ul#	66
16) 4-Methylphenol	8.37	108	53645	21.292	ng/ul	83
17) Hexachloroethane	8.66	117	24744	19.640	ng/ul	80
20) Nitrobenzene	8.79	77	60691	18.269	ng/ul	93
21) Isophorone	9.32	82	99640	18.564	ng/ul#	94
23) 2-Nitrophenol	9.50	139	26813	18.934	ng/ul#	82
24) 2,4-Dimethylphenol	9.57	107	59879	20.056	ng/ul	90
25) Bis(2-Chloroethoxy)methane	9.80	93	61815	18.891	ng/ul	95
27) 2,4-Dichlorophenol	10.03	162	51857	20.499	ng/ul	99
28) Naphthalene	10.42	128	162064	19.656	ng/ul	97
30) 4-Chloroaniline	10.55	127	52188	23.109	ng/ul#	85
31) Hexachlorobutadiene	10.70	225	39301	18.926	ng/ul	96
32) Caprolactam	11.32	113	12187m	17.317	ng/ul	
33) 4-Chloro-3-methylphenol	11.68	107	48348	18.853	ng/ul	98
34) 2-Methylnaphthalene	12.05	142	113141	18.406	ng/ul	90

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	66450	21.374 ng/ul	98
37) Hexachlorocyclopentadiene	12.39	237	7631	5.912 ng/ul#	68
38) 2,4,6-Trichlorophenol	12.67	196	40349	22.421 ng/ul	92
39) 2,4,5-Trichlorophenol	12.75	196	40980	21.885 ng/ul	97
40) 1,1'-Biphenyl	13.07	154	145633	20.852 ng/ul	94
41) 2-Chloronaphthalene	13.12	162	111588	20.439 ng/ul	99
42) 2-Nitroaniline	13.33	65	27879	18.512 ng/ul	96
44) Dimethylphthalate	13.71	163	129541	19.053 ng/ul	100
45) 2,6-Dinitrotoluene	13.84	165	28059	21.296 ng/ul#	96
47) Acenaphthylene	13.97	152	170824	21.172 ng/ul	97
48) 3-Nitroaniline	14.17	138	23484	22.663 ng/ul#	90
49) Acenaphthene	14.31	153	114447	20.481 ng/ul	98
50) 2,4-Dinitrophenol	14.40	184	5249	6.950 ng/ul	95
52) 4-Nitrophenol	14.51	109	15642	13.702 ng/ul#	83
53) Dibenzofuran	14.65	168	159459	18.969 ng/ul	95
54) 2,4-Dinitrotoluene	14.64	165	33223	17.298 ng/ul#	70
55) 2,3,4,6-Tetrachlorophenol	14.89	232	35522	20.168 ng/ul#	90
56) Diethylphthalate	15.09	149	128879	18.835 ng/ul	92
58) Fluorene	15.30	166	130365	18.932 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.30	204	69312	18.628 ng/ul	99
60) 4-Nitroaniline	15.34	138	21742	17.933 ng/ul#	93
63) 4,6-Dinitro-2-methylphenol	15.40	198	12523	12.296 ng/ul#	91
64) N-Nitrosodiphenylamine	15.52	169	103532	21.959 ng/ul	99
65) 4-Bromophenyl-phenylether	16.20	248	41257	21.791 ng/ul	93
66) Hexachlorobenzene	16.31	284	45410	22.281 ng/ul#	93
67) Atrazine	16.48	200	40085	21.303 ng/ul	97
68) Pentachlorophenol	16.66	266	28555m	26.367 ng/ul	
69) Phenanthrene	17.04	178	184179	20.670 ng/ul	99
71) Anthracene	17.13	178	181315	19.728 ng/ul	98
72) Carbazole	17.42	167	154237	20.330 ng/ul	98
73) Di-n-butylphthalate	17.98	149	176540	19.786 ng/ul	97
74) Fluoranthene	19.07	202	193042	18.149 ng/ul#	93
77) Pyrene	19.43	202	189117	21.299 ng/ul#	93
78) Butylbenzylphthalate	20.34	149	76229	24.372 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.13	252	56694	23.464 ng/ul#	99
80) Benzo(a)anthracene	21.19	228	177979	20.167 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.12	149	104191	22.203 ng/ul	96
82) Chrysene	21.24	228	168158	20.770 ng/ul	96
84) Di-n-octyl phthalate	21.99	149	187602	19.814 ng/ul#	32
85) Benzo(b)fluoranthene	22.74	252	183737	19.043 ng/ul#	91
86) Benzo(k)fluoranthene	22.79	252	175379	18.805 ng/ul#	94
88) Benzo(a)pyrene	23.30	252	181384	19.900 ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	25.59	276	203692	18.931 ng/ul#	95
90) Dibenzo(a,h)anthracene	25.59	278	176441	19.419 ng/ul#	91
91) Benzo(g,h,i)perylene	26.26	276	181314	20.475 ng/ul#	91

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

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