Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121817\
Data File : BM013505.D
Acq On : 18 Dec 2017 19:00
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 19 03:19:49 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 19 00:41:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	163406	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	722053	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	449581	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1042897	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1007020	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	811616	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	22804	6.91	ng/uL	0.00
5) Phenol-d5	6.85	99	274184	19.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	160031	19.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	223658	20.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	235555	19.50	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	114851	20.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	126258	20.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	246563	19.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	282844	24.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	743101	18.57	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	954853	19.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	113650	16.35	ng/ul	0.00
57) Fluorene-d10	15.32	176	652885	18.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	111217	16.95	ng/ul	0.00
70) Anthracene-d10	17.16	188	1031101	19.74	ng/ul	0.00
76) Pyrene-d10	19.46	212	1103703	22.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	804432	19.46	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	26989	7.286	ng/uL#	64
4) Benzaldehyde	6.83	77	142906	20.428	ng/ul	95
6) Phenol	6.88	94	274666	19.653	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.10	93	206288	19.304	ng/ul	98
10) 2-Chlorophenol	7.24	128	213677	19.725	ng/ul	97
11) 2-Methylphenol	8.12	108	205963	19.054	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.20	45	231533	20.635	ng/ul#	81
14) Acetophenone	8.49	105	354575	19.304	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.48	70	181498	19.617	ng/ul#	70
16) 4-Methylphenol	8.45	108	230646	19.953	ng/ul	98
17) Hexachloroethane	8.73	117	84893	18.000	ng/ul#	75
20) Nitrobenzene	8.87	77	273786	18.981	ng/ul	96
21) Isophorone	9.39	82	480787	18.942	ng/ul	95
23) 2-Nitrophenol	9.57	139	129567	20.393	ng/ul#	77
24) 2,4-Dimethylphenol	9.64	107	268212	19.356	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.87	93	295275	19.878	ng/ul	93
27) 2,4-Dichlorophenol	10.10	162	229383	19.664	ng/ul#	89
28) Naphthalene	10.50	128	734698	19.777	ng/ul	99
30) 4-Chloroaniline	10.62	127	270970	24.114	ng/ul	97
31) Hexachlorobutadiene	10.78	225	148312	17.552	ng/ul#	89
32) Caprolactam	11.39	113	72011m	19.315	ng/ul	
33) 4-Chloro-3-methylphenol	11.75	107	243259	19.010	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	544684	19.505	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	307725	18.969	ng/ul#	96
37) Hexachlorocyclopentadiene	12.46	237	161038	15.082	ng/ul	97
38) 2,4,6-Trichlorophenol	12.74	196	196160	19.396	ng/ul	96
39) 2,4,5-Trichlorophenol	12.82	196	210416	19.586	ng/ul	96
40) 1,1'-Biphenyl	13.15	154	721674	18.993	ng/ul	100
41) 2-Chloronaphthalene	13.18	162	574911	19.286	ng/ul	99
42) 2-Nitroaniline	13.40	65	170596	19.533	ng/ul	88
44) Dimethylphthalate	13.78	163	717221	18.744	ng/ul	98
45) 2,6-Dinitrotoluene	13.90	165	151099	19.361	ng/ul	94
47) Acenaphthylene	14.03	152	888455	19.446	ng/ul	97
48) 3-Nitroaniline	14.23	138	148999	21.360	ng/ul	88
49) Acenaphthene	14.38	153	588418	18.906	ng/ul	98
50) 2,4-Dinitrophenol	14.45	184	87983	20.373	ng/ul	87
52) 4-Nitrophenol	14.55	109	112544	16.504	ng/ul#	78
53) Dibenzofuran	14.72	168	865729	18.842	ng/ul	99
54) 2,4-Dinitrotoluene	14.70	165	217161	19.129	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	14.95	232	187110	18.996	ng/ul	94
56) Diethylphthalate	15.15	149	705311	18.378	ng/ul	94
58) Fluorene	15.37	166	703593	18.511	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.36	204	376435	18.247	ng/ul	95
60) 4-Nitroaniline	15.40	138	162372	19.729	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.46	198	115365	17.597	ng/ul#	94
64) N-Nitrosodiphenylamine	15.58	169	614436	20.000	ng/ul	97
65) 4-Bromophenyl-phenylether	16.26	248	241385	19.689	ng/ul	95
66) Hexachlorobenzene	16.37	284	250497	18.528	ng/ul#	90
67) Atrazine	16.54	200	218250	19.247	ng/ul	97
68) Pentachlorophenol	16.72	266	131894	16.867	ng/ul	96
69) Phenanthrene	17.11	178	1161917	19.611	ng/ul	98
71) Anthracene	17.20	178	1184568	19.560	ng/ul	99
72) Carbazole	17.47	167	1016790	19.519	ng/ul	100
73) Di-n-butylphthalate	18.04	149	1137873	18.711	ng/ul	98
74) Fluoranthene	19.13	202	1348085	18.567	ng/ul#	91
77) Pyrene	19.49	202	1356979	22.180	ng/ul#	92
78) Butylbenzylphthalate	20.40	149	504686	21.113	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.18	252	351292	16.595	ng/ul#	98
80) Benzo(a)anthracene	21.24	228	1241113	19.425	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.18	149	663899	18.426	ng/ul	99
82) Chrysene	21.30	228	1135960	19.164	ng/ul	99
84) Di-n-octyl phthalate	22.05	149	1140187	19.756	ng/ul	99
85) Benzo(b)fluoranthene	22.82	252	1086632	19.861	ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	988731	19.203	ng/ul#	98
88) Benzo(a)pyrene	23.39	252	969830	19.733	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.71	276	1015138	20.817	ng/ul#	93
90) Dibenzo(a,h)anthracene	25.72	278	873680	21.040	ng/ul#	97
91) Benzo(g,h,i)perylene	26.39	276	778546	20.240	ng/ul#	94

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

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