Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010729.D
Acq On : 24 Jun 2017 14:39
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02049

Manual Integrations APPROVED
mohammad
6/28/2017 7:41:23 AM

Quant Time: Jun 26 04:43:28 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 01:49:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	66868	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	297441	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	214264	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	570032	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	634306	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	458637	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	9266	7.94	ng/uL	0.00
5) Phenol-d5	6.65	99	111749	17.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	60464	16.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	85905	19.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	96122	18.20	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	44911	21.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	53979	22.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	107761	20.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	126291	23.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	374174	19.89	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	429239	19.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	62624	18.92	ng/ul	0.00
57) Fluorene-d10	15.11	176	334504	20.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	70875	20.24	ng/ul	0.00
70) Anthracene-d10	16.96	188	548644m	19.93	ng/ul	0.00
76) Pyrene-d10	19.27	212	624074	21.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	451000	20.34	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	9786	7.507	ng/uL#	39
4) Benzaldehyde	6.62	77	80041	21.350	ng/ul	91
6) Phenol	6.67	94	114826	17.502	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.90	93	80655	16.886	ng/ul	98
10) 2-Chlorophenol	7.03	128	82284	18.422	ng/ul	97
11) 2-Methylphenol	7.90	108	91694	18.336	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.00	45	52150	15.640	ng/ul	94
14) Acetophenone	8.27	105	155793	18.067	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.27	70	81621	17.565	ng/ul#	94
16) 4-Methylphenol	8.23	108	100828	18.326	ng/ul	93
17) Hexachloroethane	8.52	117	38950	19.610	ng/ul#	71
20) Nitrobenzene	8.65	77	128186	20.703	ng/ul	97
21) Isophorone	9.17	82	218513	17.756	ng/ul	95
23) 2-Nitrophenol	9.35	139	55265	21.312	ng/ul	90
24) 2,4-Dimethylphenol	9.42	107	132506	20.090	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.66	93	125720	18.422	ng/ul	93
27) 2,4-Dichlorophenol	9.87	162	104518	20.862	ng/ul#	89
28) Naphthalene	10.27	128	293822	19.850	ng/ul	98
30) 4-Chloroaniline	10.39	127	120576	22.107	ng/ul	98
31) Hexachlorobutadiene	10.56	225	82296	21.781	ng/ul	95
32) Caprolactam	11.15	113	32377m	18.414	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	128001	20.031	ng/ul	98
34) 2-Methylnaphthalene	11.89	142	243208	20.440	ng/ul	90

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36) 1,2,4,5-Tetrachlorobenzene	12.27	216	160248	21.191	ng/ul#	98
37) Hexachlorocyclopentadiene	12.26	237	75238	17.308	ng/ul#	98
38) 2,4,6-Trichlorophenol	12.52	196	108088	20.931	ng/ul	97
39) 2,4,5-Trichlorophenol	12.59	196	112885	21.171	ng/ul	97
40) 1,1'-Biphenyl	12.93	154	332258	19.835	ng/ul	97
41) 2-Chloronaphthalene	12.97	162	262394	19.907	ng/ul	92
42) 2-Nitroaniline	13.19	65	82848	21.485	ng/ul	95
44) Dimethylphthalate	13.58	163	360808	19.570	ng/ul	98
45) 2,6-Dinitrotoluene	13.70	165	72617	22.739	ng/ul#	86
47) Acenaphthylene	13.83	152	412913	19.815	ng/ul	99
48) 3-Nitroaniline	14.02	138	71699	22.261	ng/ul	94
49) Acenaphthene	14.17	153	273135	19.431	ng/ul	98
50) 2,4-Dinitrophenol	14.23	184	48881	21.134	ng/ul#	77
52) 4-Nitrophenol	14.34	109	101420	24.149	ng/ul	84
53) Dibenzofuran	14.52	168	425636	19.994	ng/ul	93
54) 2,4-Dinitrotoluene	14.49	165	109608	22.123	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.74	232	111185	20.611	ng/ul#	88
56) Diethylphthalate	14.96	149	376192	19.393	ng/ul	94
58) Fluorene	15.17	166	353676	19.844	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.17	204	195586	20.191	ng/ul	90
60) 4-Nitroaniline	15.20	138	75334	19.803	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.26	198	71413	19.143	ng/ul#	99
64) N-Nitrosodiphenylamine	15.39	169	312777	19.785	ng/ul	96
65) 4-Bromophenyl-phenylether	16.07	248	128854	19.743	ng/ul#	89
66) Hexachlorobenzene	16.17	284	135937	19.777	ng/ul#	81
67) Atrazine	16.35	200	137674	20.671	ng/ul	98
68) Pentachlorophenol	16.52	266	90899	18.757	ng/ul	96
69) Phenanthrene	16.91	178	594089	19.604	ng/ul	99
71) Anthracene	17.00	178	624974	20.017	ng/ul	100
72) Carbazole	17.27	167	513010	18.834	ng/ul	99
73) Di-n-butylphthalate	17.86	149	658187	19.003	ng/ul	99
74) Fluoranthene	18.94	202	766736	19.632	ng/ul	98
77) Pyrene	19.30	202	770652	21.034	ng/ul#	97
78) Butylbenzylphthalate	20.23	149	303119	22.008	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.01	252	251325	19.806	ng/ul	95
80) Benzo(a)anthracene	21.07	228	747859	20.246	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.02	149	434235	20.664	ng/ul#	97
82) Chrysene	21.12	228	663562	20.148	ng/ul	100
84) Di-n-octyl phthalate	21.88	149	723295	22.569	ng/ul#	94
85) Benzo(b)fluoranthene	22.59	252	658219	22.109	ng/ul	99
86) Benzo(k)fluoranthene	22.63	252	588271	20.843	ng/ul#	97
88) Benzo(a)pyrene	23.13	252	564627	20.600	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.33	276	562874	19.801	ng/ul	98
90) Dibenzo(a,h)anthracene	25.34	278	472646	19.951	ng/ul#	97
91) Benzo(g,h,i)perylene	25.98	276	456579	20.177	ng/ul	98

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

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