Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG072017\
Data File : BG028015.D
Acq On : 21 Jul 2017 2:03
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02067

Manual Integrations APPROVED
mohammad
7/21/2017 1:28:30 PM

Quant Time: Jul 21 04:22:48 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 21 02:24:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	43872	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	186402	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.98	164	130884	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.72	188	341834	20.00	ng/ul	0.00
75) Chrysene-d12	22.06	240	457189	20.00	ng/ul	0.00
83) Perylene-d12	25.58	264	439301	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.86	96	5779	7.26	ng/uL	0.00
5) Phenol-d5	7.51	99	66007	18.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	37612	18.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	57156	20.18	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	58837	19.72	ng/ul	0.00
19) Nitrobenzene-d5	9.54	128	27637	20.15	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	35730	21.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	69122	21.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	72985	25.01	ng/ul	0.00
43) Dimethylphthalate-d6	14.37	166	227631	20.06	ng/ul	0.00
46) Acenaphthylene-d8	14.67	160	264939	20.54	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	31526	19.19	ng/ul	0.00
57) Fluorene-d10	15.96	176	216249	20.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	43905	18.49	ng/ul	0.00
70) Anthracene-d10	17.82	188	339448	20.59	ng/ul	0.00
76) Pyrene-d10	20.10	212	420341	20.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.33	264	423937	20.66	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	6652	6.891	ng/uL#	89
4) Benzaldehyde	7.51	77	41750	18.673	ng/ul#	79
6) Phenol	7.54	94	64683	18.488	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.77	93	47547	18.856	ng/ul#	82
10) 2-Chlorophenol	7.93	128	53289	20.237	ng/ul#	79
11) 2-Methylphenol	8.80	108	49961	19.447	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.89	45	77394	16.275	ng/ul	98
14) Acetophenone	9.19	105	83256	19.789	ng/ul#	83
15) N-Nitroso-di-n-propylamine	9.17	70	41602	19.285	ng/ul#	90
16) 4-Methylphenol	9.12	108	53986	19.175	ng/ul	97
17) Hexachloroethane	9.46	117	21356	20.139	ng/ul#	78
20) Nitrobenzene	9.58	77	62598	19.742	ng/ul#	86
21) Isophorone	10.10	82	115513	20.001	ng/ul#	94
23) 2-Nitrophenol	10.29	139	31874	20.070	ng/ul#	75
24) 2,4-Dimethylphenol	10.34	107	66153	19.907	ng/ul#	90
25) Bis(2-Chloroethoxy)methane	10.57	93	66372	19.156	ng/ul#	88
27) 2,4-Dichlorophenol	10.83	162	65700	21.018	ng/ul#	92
28) Naphthalene	11.24	128	175085	19.821	ng/ul	98
30) 4-Chloroaniline	11.35	127	66845	24.747	ng/ul	93
31) Hexachlorobutadiene	11.52	225	53729	21.490	ng/ul	98
32) Caprolactam	12.09	113	18172	19.538	ng/ul#	73
33) 4-Chloro-3-methylphenol	12.44	107	61458	20.623	ng/ul	92
34) 2-Methylnaphthalene	12.82	142	146684	20.536	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.18	216	105579	21.447	ng/ul#	88
37) Hexachlorocyclopentadiene	13.16	237	43381	14.894	ng/ul	94
38) 2,4,6-Trichlorophenol	13.41	196	61928	20.853	ng/ul	90
39) 2,4,5-Trichlorophenol	13.49	196	66750	20.917	ng/ul	96
40) 1,1'-Biphenyl	13.81	154	200471	20.043	ng/ul#	96
41) 2-Chloronaphthalene	13.86	162	158754	20.078	ng/ul	96
42) 2-Nitroaniline	14.06	65	43005	19.031	ng/ul#	84
44) Dimethylphthalate	14.41	163	209687	20.294	ng/ul	96
45) 2,6-Dinitrotoluene	14.54	165	42278	20.228	ng/ul#	80
47) Acenaphthylene	14.70	152	255816	20.190	ng/ul	97
48) 3-Nitroaniline	14.88	138	37072	20.407	ng/ul#	86
49) Acenaphthene	15.04	153	168855	19.697	ng/ul	97
50) 2,4-Dinitrophenol	15.08	184	20643m	17.148	ng/ul	
52) 4-Nitrophenol	15.17	109	27245	20.579	ng/ul#	83
53) Dibenzofuran	15.37	168	254889	20.109	ng/ul	90
54) 2,4-Dinitrotoluene	15.32	165	62715	20.585	ng/ul#	70
55) 2,3,4,6-Tetrachlorophenol	15.59	232	63364	20.838	ng/ul	90
56) Diethylphthalate	15.77	149	205947	19.115	ng/ul	96
58) Fluorene	16.02	166	217847	19.992	ng/ul	100
59) 4-Chlorophenyl-phenylether	16.00	204	124668	20.633	ng/ul#	80
60) 4-Nitroaniline	16.04	138	45535	21.121	ng/ul#	66
63) 4,6-Dinitro-2-methylphenol	16.09	198	42988	18.937	ng/ul#	90
64) N-Nitrosodiphenylamine	16.21	169	182763	19.836	ng/ul	95
65) 4-Bromophenyl-phenylether	16.90	248	86623	20.794	ng/ul	91
66) Hexachlorobenzene	17.02	284	88814	20.278	ng/ul#	92
67) Atrazine	17.15	200	81255	20.044	ng/ul	98
68) Pentachlorophenol	17.37	266	44306	18.621	ng/ul	93
69) Phenanthrene	17.76	178	349768	19.964	ng/ul	99
71) Anthracene	17.86	178	364080	20.274	ng/ul	98
72) Carbazole	18.13	167	303036	20.466	ng/ul	98
73) Di-n-butylphthalate	18.65	149	340102	20.949	ng/ul#	96
74) Fluoranthene	19.76	202	472856	22.049	ng/ul#	95
77) Pyrene	20.12	202	492292	20.324	ng/ul#	94
78) Butylbenzylphthalate	20.99	149	159585	20.551	ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.93	252	160190	21.551	ng/ul	98
80) Benzo(a)anthracene	22.03	228	517052	20.907	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.89	149	231879	20.955	ng/ul	93
82) Chrysene	22.10	228	457773	20.336	ng/ul	98
84) Di-n-octyl phthalate	23.20	149	389134	19.099	ng/ul	100
85) Benzo(b)fluoranthene	24.44	252	515454	20.562	ng/ul	97
86) Benzo(k)fluoranthene	24.52	252	487674	19.833	ng/ul	96
88) Benzo(a)pyrene	25.40	252	492821	20.346	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.60	276	560999	20.422	ng/ul	97
90) Dibenzo(a,h)anthracene	29.67	278	466922	20.250	ng/ul	98
91) Benzo(g,h,i)perylene	30.86	276	465782	20.553	ng/ul	97

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

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