Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072717\
Data File : BG028032.D
Acq On : 27 Jul 2017 18:29
Operator : SJ/JU
Sample : SSTD04074
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD04074

Manual Integrations APPROVED
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Quant Time: Jul 27 19:30:49 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 27 19:05:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	34126	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	155195	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.97	164	121008	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.72	188	337185	20.00	ng/ul	0.00
78) Chrysene-d12	22.07	240	435063	20.00	ng/ul	0.00
86) Perylene-d12	25.59	264	422245	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	8438	12.08	ng/uL	0.00
5) Phenol-d5	7.51	99	107171	36.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	52534	29.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	92781	40.45	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	94946	38.49	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	44722	36.53	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	58793	41.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	118943	43.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	128321	47.86	ng/ul	0.00
44) Dimethylphthalate-d6	14.37	166	438971	41.57	ng/ul	0.00
47) Acenaphthylene-d8	14.68	160	487283	41.09	ng/ul	0.00
52) 4-Nitrophenol-d4	15.16	143	69080	48.72	ng/ul	0.01
58) Fluorene-d10	15.97	176	401376	42.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.08	200	97247	53.03	ng/ul	0.00
71) Anthracene-d10	17.83	188	653834	39.56	ng/ul	0.01
79) Pyrene-d10	20.10	212	786160	37.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.34	264	828991	36.83	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	8747	10.362	ng/uL#	69
4) Benzaldehyde	7.51	77	62237	31.101	ng/ul#	83
6) Phenol	7.54	94	103895	33.036	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.78	93	73045	31.564	ng/ul	96
10) 2-Chlorophenol	7.93	128	86020	35.766	ng/ul	94
11) 2-Methylphenol	8.79	108	77485	31.998	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.89	45	94976	31.680	ng/ul	98
14) Acetophenone	9.19	105	137854	33.873	ng/ul	92
15) N-Nitroso-di-n-propylamine	9.16	70	67227	32.569	ng/ul	93
16) 4-Methylphenol	9.12	108	89616	33.378	ng/ul	99
17) Hexachloroethane	9.46	117	32855	32.145	ng/ul#	72
20) Nitrobenzene	9.58	77	94383	29.645	ng/ul#	87
21) Isophorone	10.10	82	188124	30.218	ng/ul#	92
23) 2-Nitrophenol	10.30	139	56407	35.734	ng/ul	91
24) 2,4-Dimethylphenol	10.33	107	111726	33.688	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.57	93	108277	31.059	ng/ul#	92
27) 2,4-Dichlorophenol	10.83	162	111720	38.872	ng/ul	97
28) Naphthalene	11.24	128	286873	32.709	ng/ul	99
30) 4-Chloroaniline	11.34	127	119976	41.656	ng/ul	98
31) Hexachlorobutadiene	11.51	225	91444	37.447	ng/ul	97
32) Caprolactam	12.10	113	35362m	36.061	ng/ul	
33) 4-Chloro-3-methylphenol	12.44	107	109517	35.293	ng/ul	88
34) 2-Methylnaphthalene	12.82	142	254682	38.926	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.04	142	242343	39.256	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	13.18	216	184927	37.373	ng/ul#	93
38) Hexachlorocyclopentadiene	13.16	237	109666	103.122	ng/ul#	98
39) 2,4,6-Trichlorophenol	13.42	196	118243	43.802	ng/ul	98
40) 2,4,5-Trichlorophenol	13.49	196	121602	41.042	ng/ul	97
41) 1,1'-Biphenyl	13.81	154	350321	36.184	ng/ul#	98
42) 2-Chloronaphthalene	13.86	162	286529	36.332	ng/ul	97
43) 2-Nitroaniline	14.06	65	72244	31.846	ng/ul	91
45) Dimethylphthalate	14.42	163	405664	35.753	ng/ul	98
46) 2,6-Dinitrotoluene	14.55	165	84654	38.097	ng/ul	88
48) Acenaphthylene	14.70	152	462274	36.934	ng/ul	99
49) 3-Nitroaniline	14.88	138	73885	37.522	ng/ul#	89
50) Acenaphthene	15.04	153	308617	35.726	ng/ul	100
51) 2,4-Dinitrophenol	15.08	184	53252	92.330	ng/ul	97
53) 4-Nitrophenol	15.18	109	55431	42.347	ng/ul	92
54) Dibenzofuran	15.37	168	473209	36.398	ng/ul	94
55) 2,4-Dinitrotoluene	15.33	165	126250	37.773	ng/ul#	90
56) 2,3,4,6-Tetrachlorophenol	15.60	232	132994	50.397	ng/ul	95
57) Diethylphthalate	15.77	149	404564	35.128	ng/ul	98
59) Fluorene	16.02	166	410805	38.740	ng/ul	99
60) 4-Chlorophenyl-phenylether	16.00	204	242555	39.387	ng/ul	97
61) 4-Nitroaniline	16.04	138	84651	37.131	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	16.10	198	95364	48.353	ng/ul#	88
65) N-Nitrosodiphenylamine	16.22	169	352815	36.122	ng/ul	99
66) 4-Bromophenyl-phenylether	16.90	248	179952	42.204	ng/ul	91
67) Hexachlorobenzene	17.03	284	201900	42.723	ng/ul	92
68) Atrazine	17.16	200	168349	38.856	ng/ul	95
69) Pentachlorophenol	17.37	266	105079	81.420	ng/ul	97
70) Phenanthrene	17.77	178	677878	33.790	ng/ul	99
72) Anthracene	17.87	178	702112	34.668	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.78	216	190881	39.353	ng/uL	97
74) Pentachlorobenzene	15.29	250	283349	56.091	ng/uL	97
75) Carbazole	18.13	167	581236	35.022	ng/ul	97
76) Di-n-butylphthalate	18.66	149	651298	32.081	ng/ul	99
77) Fluoranthene	19.76	202	883011	36.208	ng/ul#	95
80) Pyrene	20.13	202	899552	32.607	ng/ul#	95
81) Butylbenzylphthalate	21.00	149	286545	30.909	ng/ul#	88
82) 3,3'-Dichlorobenzidine	21.94	252	342448	39.889	ng/ul#	96
83) Benzo(a)anthracene	22.04	228	940493	34.650	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.90	149	412430	30.163	ng/ul#	94
85) Chrysene	22.11	228	850386	33.137	ng/ul	99
87) Di-n-octyl phthalate	23.21	149	694923	29.058	ng/ul	100
88) Benzo(b)fluoranthene	24.46	252	984357	36.188	ng/ul	98
89) Benzo(k)fluoranthene	24.53	252	955913	35.589	ng/ul#	97
91) Benzo(a)pyrene	25.42	252	945086	36.107	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	29.63	276	1154120	37.369	ng/ul#	96
93) Dibenzo(a,h)anthracene	29.69	278	997458	39.214	ng/ul#	96
94) Benzo(g,h,i)perylene	30.90	276	954982	37.481	ng/ul#	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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