Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG082016\
Data File : BG023802.D
Acq On : 20 Aug 2016 5:17
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Manual Integrations APPROVED
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Quant Time: Aug 22 03:39:23 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	109381	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	466396	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.76	164	291694	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	685720m	20.00	ng/ul	0.00
75) Chrysene-d12	21.84	240	763064	20.00	ng/ul	0.00
83) Perylene-d12	25.22	264	729493	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	20611	8.55	ng/uL	0.00
5) Phenol-d5	7.25	99	216464	21.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	144702	20.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	152529	20.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	160813	20.05	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	76118	20.20	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	88465	20.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	159542	20.54	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	201177	21.17	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	492805	20.38	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	569806	20.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	75589	19.34	ng/ul	0.00
57) Fluorene-d10	15.76	176	432882	20.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	87143m	20.05	ng/ul	0.00
70) Anthracene-d10	17.63	188	657793	20.81	ng/ul	0.00
76) Pyrene-d10	19.92	212	755443	20.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	699892	20.96	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	21987	8.70	ng/uL#	85
4) Benzaldehyde	7.22	77	146831	22.19	ng/ul	89
6) Phenol	7.28	94	219474m	20.89	ng/ul	
8) Bis(2-Chloroethyl)ether	7.50	93	169221	21.11	ng/ul#	86
10) 2-Chlorophenol	7.66	128	155590	20.95	ng/ul#	85
11) 2-Methylphenol	8.54	108	160209	20.05	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.63	45	236240	20.61	ng/ul	97
14) Acetophenone	8.93	105	266316	20.42	ng/ul#	78
15) N-Nitroso-di-n-propylamine	8.90	70	161403	19.99	ng/ul#	87
16) 4-Methylphenol	8.88	108	173685	19.98	ng/ul	95
17) Hexachloroethane	9.18	117	71199	21.72	ng/ul#	78
20) Nitrobenzene	9.32	77	227978	20.68	ng/ul#	84
21) Isophorone	9.84	82	409500	20.07	ng/ul#	90
23) 2-Nitrophenol	10.04	139	94418	20.40	ng/ul#	69
24) 2,4-Dimethylphenol	10.09	107	205809	20.60	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.32	93	232379	20.25	ng/ul#	98
27) 2,4-Dichlorophenol	10.58	162	158723	20.47	ng/ul	92
28) Naphthalene	10.98	128	495570	20.77	ng/ul	98
30) 4-Chloroaniline	11.09	127	201859	21.66	ng/ul	98
31) Hexachlorobutadiene	11.26	225	118288	21.21	ng/ul	95
32) Caprolactam	11.86	113	52342m	17.33	ng/ul	
33) 4-Chloro-3-methylphenol	12.22	107	191311	19.96	ng/ul#	84
34) 2-Methylnaphthalene	12.59	142	371011	20.42	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.96	216	210754	21.75 ng/ul	98
37) Hexachlorocyclopentadiene	12.93	237	68233	16.12 ng/ul	97
38) 2,4,6-Trichlorophenol	13.20	196	133879	21.00 ng/ul	90
39) 2,4,5-Trichlorophenol	13.28	196	137393	20.85 ng/ul	98
40) 1,1'-Biphenyl	13.60	154	479247	21.01 ng/ul	96
41) 2-Chloronaphthalene	13.64	162	369600	21.31 ng/ul	96
42) 2-Nitroaniline	13.85	65	140255	19.49 ng/ul#	62
44) Dimethylphthalate	14.21	163	495695	20.50 ng/ul	97
45) 2,6-Dinitrotoluene	14.35	165	102914	19.94 ng/ul#	85
47) Acenaphthylene	14.49	152	611444	21.43 ng/ul	100
48) 3-Nitroaniline	14.68	138	99042	20.36 ng/ul#	58
49) Acenaphthene	14.84	153	404018	21.14 ng/ul	96
50) 2,4-Dinitrophenol	14.90	184	45240	16.51 ng/ul#	77
52) 4-Nitrophenol	15.00	109	72465	18.46 ng/ul#	73
53) Dibenzofuran	15.16	168	582010	20.95 ng/ul	89
54) 2,4-Dinitrotoluene	15.14	165	154991	20.55 ng/ul#	70
55) 2,3,4,6-Tetrachlorophenol	15.40	232	123348	20.30 ng/ul	98
56) Diethylphthalate	15.58	149	505998	20.48 ng/ul	98
58) Fluorene	15.82	166	473733	21.05 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.80	204	241509	21.24 ng/ul	95
60) 4-Nitroaniline	15.85	138	111293	20.61 ng/ul#	62
63) 4,6-Dinitro-2-methylphenol	15.91	198	91256m	20.11 ng/ul	
64) N-Nitrosodiphenylamine	16.02	169	416448	20.51 ng/ul	94
65) 4-Bromophenyl-phenylether	16.71	248	160786	20.36 ng/ul	98
66) Hexachlorobenzene	16.83	284	176906	20.80 ng/ul	97
67) Atrazine	16.97	200	171552	20.63 ng/ul#	95
68) Pentachlorophenol	17.18	266	72353	19.62 ng/ul	87
69) Phenanthrene	17.57	178	761016m	20.97 ng/ul	
71) Anthracene	17.67	178	773252	20.72 ng/ul	99
72) Carbazole	17.94	167	674320	22.14 ng/ul	99
73) Di-n-butylphthalate	18.48	149	853003	20.70 ng/ul#	98
74) Fluoranthene	19.59	202	911469m	23.57 ng/ul	
77) Pyrene	19.95	202	939614	20.84 ng/ul#	91
78) Butylbenzylphthalate	20.82	149	405492	19.88 ng/ul#	88
79) 3,3'-Dichlorobenzidine	21.73	252	326866	21.55 ng/ul#	95
80) Benzo(a)anthracene	21.83	228	917018	20.79 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.70	149	541390	19.73 ng/ul#	98
82) Chrysene	21.90	228	826509	20.82 ng/ul	98
84) Di-n-octyl phthalate	22.96	149	929831	22.18 ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	879202	20.73 ng/ul#	93
86) Benzo(k)fluoranthene	24.21	252	825392	20.15 ng/ul#	92
88) Benzo(a)pyrene	25.06	252	839785	20.63 ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	29.10	276	968671	20.24 ng/ul#	89
90) Dibenzo(a,h)anthracene	29.16	278	825937	20.13 ng/ul#	91
91) Benzo(g,h,i)perylene	30.31	276	792799m	20.03 ng/ul	

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

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