Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028515.D
Acq On : 28 Aug 2017 12:37
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02089

Manual Integrations APPROVED
Sohil
8/29/2017 6:01:23 PM

Quant Time: Aug 29 01:27:46 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 26 01:54:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	36733	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	156380	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	110259	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	276265	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	332928	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	312809	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.81	96	6142	7.79	ng/uL	-0.01
5) Phenol-d5	7.49	99	69686	17.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	44778	17.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	49870	19.59	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	58291	17.29	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	26117	21.36	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	30998	23.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.77	165	60515	21.81	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	70366	22.79	ng/ul	0.00
43) Dimethylphthalate-d6	14.33	166	186772	19.05	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	229500	20.76	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	27073	17.36	ng/ul	0.00
57) Fluorene-d10	15.94	176	174738	19.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	32371	18.04	ng/ul	0.00
70) Anthracene-d10	17.80	188	268280	20.25	ng/ul	0.00
76) Pyrene-d10	20.07	212	313273	18.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	297465	20.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.85	88	7006	8.456	ng/uL#	75
4) Benzaldehyde	7.48	77	45635	19.574	ng/ul	92
6) Phenol	7.52	94	69200	17.260	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.74	93	48270	17.674	ng/ul	91
10) 2-Chlorophenol	7.90	128	50717	20.450	ng/ul	95
11) 2-Methylphenol	8.77	108	49493	17.488	ng/ul	87
12) 2,2'-oxybis(1-Chloropropan	8.86	45	99313	14.980	ng/ul#	94
14) Acetophenone	9.16	105	83390	17.341	ng/ul	90
15) N-Nitroso-di-n-propylamine	9.13	70	46886	17.155	ng/ul#	94
16) 4-Methylphenol	9.10	108	54871	17.171	ng/ul	97
17) Hexachloroethane	9.42	117	19894	19.358	ng/ul	95
20) Nitrobenzene	9.55	77	69076	19.514	ng/ul	96
21) Isophorone	10.06	82	125004	18.588	ng/ul	98
23) 2-Nitrophenol	10.26	139	31356	23.166	ng/ul#	84
24) 2,4-Dimethylphenol	10.30	107	68254	20.288	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.54	93	69472	18.965	ng/ul	96
27) 2,4-Dichlorophenol	10.80	162	54100	21.424	ng/ul	95
28) Naphthalene	11.21	128	160954	20.781	ng/ul	96
30) 4-Chloroaniline	11.31	127	66177	22.109	ng/ul	93
31) Hexachlorobutadiene	11.47	225	43611	23.397	ng/ul	98
32) Caprolactam	12.07	113	19169	18.255	ng/ul	84
33) 4-Chloro-3-methylphenol	12.42	107	65815	20.419	ng/ul	93
34) 2-Methylnaphthalene	12.79	142	123064	19.782	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.15	216	82191	23.127	ng/ul	93
37) Hexachlorocyclopentadiene	13.12	237	47852	24.401	ng/ul	96
38) 2,4,6-Trichlorophenol	13.39	196	51575	23.284	ng/ul	92
39) 2,4,5-Trichlorophenol	13.47	196	51847	21.474	ng/ul	98
40) 1,1'-Biphenyl	13.78	154	167920	20.852	ng/ul	95
41) 2-Chloronaphthalene	13.83	162	131486	20.662	ng/ul	97
42) 2-Nitroaniline	14.04	65	51984	19.483	ng/ul	98
44) Dimethylphthalate	14.38	163	173227	19.184	ng/ul	97
45) 2,6-Dinitrotoluene	14.52	165	38031	20.399	ng/ul	91
47) Acenaphthylene	14.67	152	213166	20.174	ng/ul	99
48) 3-Nitroaniline	14.85	138	35818	21.336	ng/ul#	97
49) Acenaphthene	15.01	153	141775	19.886	ng/ul	93
50) 2,4-Dinitrophenol	15.06	184	19319	18.392	ng/ul#	86
52) 4-Nitrophenol	15.16	109	25958	16.067	ng/ul#	72
53) Dibenzofuran	15.34	168	207079	19.922	ng/ul	96
54) 2,4-Dinitrotoluene	15.31	165	57735	20.435	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.57	232	50304	22.371	ng/ul	99
56) Diethylphthalate	15.73	149	191461	18.075	ng/ul	98
58) Fluorene	15.99	166	178568	19.404	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.97	204	99326	20.117	ng/ul	87
60) 4-Nitroaniline	16.02	138	38302	19.231	ng/ul#	73
63) 4,6-Dinitro-2-methylphenol	16.07	198	33354	18.329	ng/ul#	92
64) N-Nitrosodiphenylamine	16.19	169	150598	20.721	ng/ul	97
65) 4-Bromophenyl-phenylether	16.87	248	64390	21.685	ng/ul#	83
66) Hexachlorobenzene	17.00	284	67016	21.201	ng/ul	97
67) Atrazine	17.13	200	63527	20.048	ng/ul	97
68) Pentachlorophenol	17.35	266	27617	17.249	ng/ul	94
69) Phenanthrene	17.74	178	275458	19.813	ng/ul	98
71) Anthracene	17.83	178	290307	20.430	ng/ul	96
72) Carbazole	18.10	167	241106	19.510	ng/ul	96
73) Di-n-butylphthalate	18.62	149	304349	19.784	ng/ul#	97
74) Fluoranthene	19.74	202	346874	20.529	ng/ul	98
77) Pyrene	20.10	202	363598	18.306	ng/ul	99
78) Butylbenzylphthalate	20.96	149	143423	19.274	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.91	252	137611	21.424	ng/ul	99
80) Benzo(a)anthracene	22.01	228	381777	19.847	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.86	149	200814	18.976	ng/ul	99
82) Chrysene	22.08	228	343377	19.820	ng/ul	98
84) Di-n-octyl phthalate	23.16	149	346265	18.471	ng/ul	100
85) Benzo(b)fluoranthene	24.41	252	374793	20.022	ng/ul	99
86) Benzo(k)fluoranthene	24.49	252	371570	20.321	ng/ul	97
88) Benzo(a)pyrene	25.36	252	369447	20.384	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	29.56	276	396604	18.687	ng/ul	99
90) Dibenzo(a,h)anthracene	29.62	278	322849	18.148	ng/ul	99
91) Benzo(g,h,i)perylene	30.82	276	306778m	17.570	ng/ul	

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

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