Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012218\
Data File : BG032207.D
Acq On : 22 Jan 2018 11:38
Operator : SJ/JU
Sample : SSTD02076
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02076

Manual Integrations APPROVED
Sohil
1/23/2018 5:08:29 PM

Quant Time: Jan 22 12:57:02 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 22 12:46:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	41245	20.00	ng/ul	0.00
18) Naphthalene-d8	11.61	136	177668	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.36	164	119242	20.00	ng/ul	0.00
61) Phenanthrene-d10	18.09	188	289799	20.00	ng/ul	0.00
77) Chrysene-d12	22.43	240	361264	20.00	ng/ul	0.00
85) Perylene-d12	26.11	264	383485	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.78	96	5956	9.36	ng/uL	0.00
5) Phenol-d5	7.84	99	57298	18.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.02	67	28115m	18.05	ng/ul	0.00
9) 2-Chlorophenol-d4	8.24	132	54486	20.75	ng/ul	0.00
13) 4-Methylphenol-d8	9.43	113	52177	18.76	ng/ul	0.00
19) Nitrobenzene-d5	9.92	128	25423	20.47	ng/ul	0.00
22) 2-Nitrophenol-d4	10.66	143	31775	20.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.21	165	67784	21.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.73	131	58789	18.72	ng/ul	0.00
43) Dimethylphthalate-d6	14.74	166	202327	18.75	ng/ul	0.00
46) Acenaphthylene-d8	15.06	160	249892	21.40	ng/ul	0.00
51) 4-Nitrophenol-d4	15.52	143	26244	16.19	ng/ul	0.00
57) Fluorene-d10	16.34	176	188028	18.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.44	200	32074	15.54	ng/ul	0.00
70) Anthracene-d10	18.19	188	279706	20.16	ng/ul	0.00
78) Pyrene-d10	20.43	212	340278	21.21	ng/ul	0.00
89) Benzo(a)pyrene-d12	25.86	264	355061	20.13	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.82	88	5985	8.771	ng/uL#	90
4) Benzaldehyde	7.83	77	35856	23.258	ng/ul#	75
6) Phenol	7.87	94	58391	19.325	ng/ul	95
8) Bis(2-Chloroethyl)ether	8.11	93	40039	18.721	ng/ul	93
10) 2-Chlorophenol	8.28	128	50703	20.957	ng/ul	92
11) 2-Methylphenol	9.16	108	44708	18.978	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	9.26	45	40715	14.501	ng/ul#	92
14) Acetophenone	9.57	105	75019	18.567	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.54	70	34617	18.251	ng/ul#	96
16) 4-Methylphenol	9.50	108	49729	19.026	ng/ul	94
17) Hexachloroethane	9.85	117	19538	20.186	ng/ul#	70
20) Nitrobenzene	9.97	77	51193	19.197	ng/ul#	88
21) Isophorone	10.49	82	95456	18.731	ng/ul#	89
23) 2-Nitrophenol	10.69	139	32832	21.543	ng/ul#	84
24) 2,4-Dimethylphenol	10.73	107	63828	20.939	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.97	93	58345	19.709	ng/ul#	93
27) 2,4-Dichlorophenol	11.23	162	65395	22.046	ng/ul	94
28) Naphthalene	11.66	128	161357	20.121	ng/ul	97
30) 4-Chloroaniline	11.76	127	56960	19.063	ng/ul	97
31) Hexachlorobutadiene	11.93	225	57736	22.497	ng/ul	96
32) Caprolactam	12.48	113	16454	17.283	ng/ul#	78
33) 4-Chloro-3-methylphenol	12.83	107	57679	19.956	ng/ul	93
34) 2-Methylnaphthalene	13.22	142	138313	19.986	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.58	216	107894	23.487	ng/ul#	95
37) Hexachlorocyclopentadiene	13.55	237	41014	15.227	ng/ul	99
38) 2,4,6-Trichlorophenol	13.81	196	61633	22.478	ng/ul	95
39) 2,4,5-Trichlorophenol	13.88	196	64050	21.988	ng/ul	97
40) 1,1'-Biphenyl	14.20	154	190986	22.036	ng/ul#	96
41) 2-Chloronaphthalene	14.25	162	153073	21.899	ng/ul	98
42) 2-Nitroaniline	14.44	65	30903	18.758	ng/ul#	81
44) Dimethylphthalate	14.79	163	196957	19.922	ng/ul	98
45) 2,6-Dinitrotoluene	14.92	165	40346	20.330	ng/ul	90
47) Acenaphthylene	15.09	152	212678	19.222	ng/ul	99
48) 3-Nitroaniline	15.25	138	30901	18.735	ng/ul	84
49) Acenaphthene	15.43	153	157962	20.849	ng/ul	98
50) 2,4-Dinitrophenol	15.45	184	13918m	10.987	ng/ul	
52) 4-Nitrophenol	15.53	109	24586	18.648	ng/ul#	83
53) Dibenzofuran	15.76	168	237844	20.647	ng/ul	96
54) 2,4-Dinitrotoluene	15.70	165	58115	19.607	ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	15.97	232	63300	20.405	ng/ul#	95
56) Diethylphthalate	16.13	149	185536	17.876	ng/ul	100
58) Fluorene	16.40	166	190762	19.087	ng/ul	96
59) 4-Chlorophenyl-phenylether	16.38	204	118534	19.856	ng/ul	97
60) 4-Nitroaniline	16.40	138	33398	17.049	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	16.46	198	34172	17.283	ng/ul#	87
64) N-Nitrosodiphenylamine	16.58	169	163073	22.292	ng/ul	97
65) 4-Bromophenyl-phenylether	17.27	248	83742	22.473	ng/ul#	93
66) Hexachlorobenzene	17.40	284	85497	20.175	ng/ul	95
67) Atrazine	17.51	200	77402	22.177	ng/ul	95
68) Pentachlorophenol	17.74	266	40235	18.186	ng/ul	93
69) Phenanthrene	18.14	178	307063	21.312	ng/ul	99
71) Anthracene	18.23	178	318402	21.224	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	14.18	216	110649	27.375	ng/uL	97
73) Pentachlorobenzene	15.67	250	115256	19.188	ng/uL	99
74) Carbazole	18.49	167	249748	20.329	ng/ul	97
75) Di-n-butylphthalate	19.00	149	292169	21.419	ng/ul	100
76) Fluoranthene	20.10	202	405584	22.026	ng/ul#	93
79) Pyrene	20.46	202	418541	22.321	ng/ul#	90
80) Butylbenzylphthalate	21.32	149	133430	23.946	ng/ul#	86
81) 3,3'-Dichlorobenzidine	22.30	252	118490	17.928	ng/ul#	98
82) Benzo(a)anthracene	22.41	228	440331	22.946	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	22.25	149	190205	23.333	ng/ul#	95
84) Chrysene	22.48	228	400898	22.838	ng/ul	99
86) Di-n-octyl phthalate	23.62	149	327095	21.640	ng/ul	100
87) Benzo(b)fluoranthene	24.93	252	457237	21.417	ng/ul#	97
88) Benzo(k)fluoranthene	25.01	252	449295	21.587	ng/ul#	97
90) Benzo(a)pyrene	25.93	252	436493	21.248	ng/ul#	98
91) Indeno(1,2,3-cd)pyrene	30.39	276	499315m	20.029	ng/ul	
92) Dibenzo(a,h)anthracene	30.46	278	412168	19.276	ng/ul#	97
93) Benzo(g,h,i)perylene	31.73	276	377999	18.289	ng/ul#	95

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

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