Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047028.D
Acq On : 22 Oct 2020 12:25
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02032

Manual Integrations APPROVED
mohammad
10/26/2020 10:32:26 AM

Quant Time: Oct 22 13:06:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 22 05:48:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	51349	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	202854	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	140754	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	344711	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	355614	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	373212	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	9789	7.69	ng/uL	0.00
5) Phenol-d5	7.21	99	86139	19.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	51095	19.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	66958	19.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	69329	19.50	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	34331	20.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	38402	19.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	74372	19.19	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	60248	18.23	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	230712	19.93	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	272550	19.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	36814	20.21	ng/ul	0.00
58) Fluorene-d10	15.68	176	209539	19.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	45644	19.20	ng/ul	0.00
71) Anthracene-d10	17.53	188	323215	19.35	ng/ul	0.00
79) Pyrene-d10	19.82	212	408540	20.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	401662	19.58	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	11461	8.397	ng/uL#	84
4) Benzaldehyde	7.20	77	53079	17.952	ng/ul	97
6) Phenol	7.24	94	87001	20.004	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.47	93	67528	19.814	ng/ul	96
10) 2-Chlorophenol	7.62	128	68375	19.866	ng/ul#	94
11) 2-Methylphenol	8.50	108	64519	19.343	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.59	45	101497	20.043	ng/ul	98
14) Acetophenone	8.88	105	105036	19.337	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.86	70	57336	19.508	ng/ul	98
16) 4-Methylphenol	8.83	108	70073	20.002	ng/ul	85
17) Hexachloroethane	9.15	117	30501	19.210	ng/ul	97
20) Nitrobenzene	9.27	77	91235	19.872	ng/ul	97
21) Isophorone	9.78	82	157812	19.086	ng/ul	99
23) 2-Nitrophenol	9.98	139	40543	19.903	ng/ul	96
24) 2,4-Dimethylphenol	10.03	107	78720	19.011	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.27	93	91320	19.572	ng/ul	97
27) 2,4-Dichlorophenol	10.51	162	71471	19.553	ng/ul	91
28) Naphthalene	10.92	128	218111	19.139	ng/ul	99
30) 4-Chloroaniline	11.03	127	58547	18.625	ng/ul	98
31) Hexachlorobutadiene	11.21	225	61314	19.119	ng/ul	96
32) Caprolactam	11.78	113	23517m	18.884	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	75052	19.970	ng/ul	95
34) 2-Methylnaphthalene	12.52	142	162367	19.970	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.75	142	186592	19.585	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	108563	19.802	ng/ul#	98
38) Hexachlorocyclopentadiene	12.87	237	65582	19.078	ng/ul	97
39) 2,4,6-Trichlorophenol	13.13	196	66055	19.759	ng/ul	96
40) 2,4,5-Trichlorophenol	13.20	196	68949	20.127	ng/ul	94
41) 1,1'-Biphenyl	13.53	154	217613	19.596	ng/ul	99
42) 2-Chloronaphthalene	13.57	162	173086	19.325	ng/ul	99
43) 2-Nitroaniline	13.77	65	53755	19.961	ng/ul	96
45) Dimethylphthalate	14.14	163	229532	19.763	ng/ul	99
46) 2,6-Dinitrotoluene	14.26	165	48620	19.341	ng/ul	95
48) Acenaphthylene	14.41	152	248906	19.432	ng/ul	99
49) 3-Nitroaniline	14.58	138	31114	18.945	ng/ul	99
50) Acenaphthene	14.75	153	178909	19.305	ng/ul	94
51) 2,4-Dinitrophenol	14.80	184	24211	18.629	ng/ul	95
53) 4-Nitrophenol	14.89	109	35549	19.082	ng/ul	89
54) Dibenzofuran	15.09	168	263869	19.565	ng/ul	96
55) 2,4-Dinitrotoluene	15.04	165	67856	19.651	ng/ul#	97
56) 2,3,4,6-Tetrachlorophenol	15.31	232	69819	19.411	ng/ul#	91
57) Diethylphthalate	15.50	149	226206	19.433	ng/ul	96
59) Fluorene	15.74	166	217115	19.613	ng/ul	91
60) 4-Chlorophenyl-phenylether	15.73	204	122770	19.329	ng/ul	97
61) 4-Nitroaniline	15.75	138	37320	19.613	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.81	198	45689	18.643	ng/ul#	87
65) N-Nitrosodiphenylamine	15.94	169	190636	19.135	ng/ul	97
66) 4-Bromophenyl-phenylether	16.62	248	86953	19.016	ng/ul	96
67) Hexachlorobenzene	16.74	284	93592	19.339	ng/ul	96
68) Atrazine	16.88	200	84646	19.687	ng/ul	95
69) Pentachlorophenol	17.09	266	49132	17.802	ng/ul	89
70) Phenanthrene	17.48	178	371972	19.240	ng/ul	97
72) Anthracene	17.57	178	373298	19.213	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.49	216	111182	19.200	ng/uL	99
74) Pentachlorobenzene	15.01	250	105903	19.075	ng/uL	97
75) Carbazole	17.83	167	307278	20.588	ng/ul	98
76) Di-n-butylphthalate	18.39	149	385849	19.378	ng/ul	98
77) Fluoranthene	19.48	202	485470	20.862	ng/ul	99
80) Pyrene	19.85	202	486878	20.007	ng/ul	99
81) Butylbenzylphthalate	20.72	149	172699	19.320	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.59	252	127489	19.592	ng/ul	98
83) Benzo(a)anthracene	21.68	228	475969	19.757	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	241308	19.461	ng/ul#	98
85) Chrysene	21.75	228	455893	19.669	ng/ul	99
87) Di-n-octyl phthalate	22.80	149	417598	19.988	ng/ul	100
88) Benzo(b)fluoranthene	23.91	252	485373	19.578	ng/ul	99
89) Benzo(k)fluoranthene	23.98	252	467599	19.465	ng/ul	98
91) Benzo(a)pyrene	24.78	252	439730	19.697	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.62	276	534459	19.264	ng/ul#	96
93) Dibenzo(a,h)anthracene	28.69	278	444111	19.734	ng/ul	97
94) Benzo(g,h,i)perylene	29.77	276	450545	19.430	ng/ul	99

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

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