Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047023.D
Acq On : 21 Oct 2020 23:57
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SICV30

Manual Integrations APPROVED
mohammad
10/26/2020 10:32:20 AM

Quant Time: Oct 22 10:17:29 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	55353	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	224129	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	152758	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	373522	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	382509	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	402999	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	10007	7.29	ng/uL	0.00
5) Phenol-d5	7.21	99	95424	19.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	55931	20.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	70673	18.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	75838	19.79	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	36185	19.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	42809	19.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	84347	19.70	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	74001	20.27	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	248687	19.80	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	291495	19.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	39312	19.88	ng/ul	0.00
58) Fluorene-d10	15.68	176	227506	19.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	50160	19.47	ng/ul	0.00
71) Anthracene-d10	17.54	188	347398	19.19	ng/ul	0.00
79) Pyrene-d10	19.81	212	440144	20.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	441893	19.95	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	12144	8.254	ng/uL#	90
4) Benzaldehyde	7.19	77	59288m	18.602	ng/ul	
6) Phenol	7.24	94	94365	20.128	ng/ul#	92
8) Bis(2-Chloroethyl)ether	7.48	93	75808	20.635	ng/ul	98
10) 2-Chlorophenol	7.62	128	71581	19.293	ng/ul#	93
11) 2-Methylphenol	8.50	108	69404	19.303	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.59	45	112735	20.652	ng/ul	96
14) Acetophenone	8.88	105	118636	20.261	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.86	70	62606	19.761	ng/ul	99
16) 4-Methylphenol	8.82	108	73589	19.486	ng/ul	83
17) Hexachloroethane	9.15	117	31829	18.597	ng/ul	92
20) Nitrobenzene	9.27	77	98278	19.375	ng/ul	97
21) Isophorone	9.79	82	175167	19.174	ng/ul	98
23) 2-Nitrophenol	9.98	139	44823	19.916	ng/ul	99
24) 2,4-Dimethylphenol	10.03	107	91127	19.918	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.27	93	99030	19.210	ng/ul	95
27) 2,4-Dichlorophenol	10.51	162	77892	19.286	ng/ul	96
28) Naphthalene	10.93	128	242507	19.260	ng/ul	99
30) 4-Chloroaniline	11.03	127	68986	19.862	ng/ul	97
31) Hexachlorobutadiene	11.21	225	67588	19.074	ng/ul	96
32) Caprolactam	11.77	113	25616m	18.617	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	80267	19.331	ng/ul	94
34) 2-Methylnaphthalene	12.52	142	168667	18.776	ng/ul	95

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35) 1-Methylnaphthalene	12.74	142	202116	19.201	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	118383	19.897	ng/ul	98
38) Hexachlorocyclopentadiene	12.87	237	72344	19.392	ng/ul	100
39) 2,4,6-Trichlorophenol	13.13	196	72266	19.919	ng/ul	96
40) 2,4,5-Trichlorophenol	13.20	196	74571	20.057	ng/ul	97
41) 1,1'-Biphenyl	13.53	154	240983	19.995	ng/ul	95
42) 2-Chloronaphthalene	13.57	162	191103	19.660	ng/ul	98
43) 2-Nitroaniline	13.76	65	59838	20.473	ng/ul	98
45) Dimethylphthalate	14.14	163	250156	19.846	ng/ul	98
46) 2,6-Dinitrotoluene	14.26	165	55035	20.172	ng/ul	92
48) Acenaphthylene	14.42	152	274945	19.778	ng/ul	98
49) 3-Nitroaniline	14.59	138	35662	20.008	ng/ul#	95
50) Acenaphthene	14.76	153	200610	19.946	ng/ul	98
51) 2,4-Dinitrophenol	14.79	184	26507	18.793	ng/ul	93
53) 4-Nitrophenol	14.89	109	40324	19.945	ng/ul	94
54) Dibenzofuran	15.09	168	288661	19.722	ng/ul	92
55) 2,4-Dinitrotoluene	15.04	165	76667	20.458	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	15.31	232	76762	19.664	ng/ul#	91
57) Diethylphthalate	15.50	149	250058	19.794	ng/ul	97
59) Fluorene	15.74	166	236482	19.684	ng/ul	91
60) 4-Chlorophenyl-phenylether	15.73	204	132766	19.260	ng/ul	95
61) 4-Nitroaniline	15.75	138	41116	19.910	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.81	198	51704	19.470	ng/ul	97
65) N-Nitrosodiphenylamine	15.94	169	210544	19.503	ng/ul	95
66) 4-Bromophenyl-phenylether	16.62	248	96731	19.523	ng/ul	96
67) Hexachlorobenzene	16.74	284	102690	19.582	ng/ul	98
68) Atrazine	16.88	200	93548	20.079	ng/ul	97
69) Pentachlorophenol	17.08	266	58062	19.414	ng/ul	96
70) Phenanthrene	17.48	178	404015	19.285	ng/ul	99
72) Anthracene	17.57	178	410466	19.496	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.49	216	119022	18.969	ng/uL	96
74) Pentachlorobenzene	15.01	250	116902	19.432	ng/uL	99
75) Carbazole	17.83	167	329970	20.403	ng/ul	97
76) Di-n-butylphthalate	18.39	149	425993	19.744	ng/ul	100
77) Fluoranthene	19.49	202	529764	21.010	ng/ul	98
80) Pyrene	19.84	202	521004	19.904	ng/ul	99
81) Butylbenzylphthalate	20.73	149	190940	19.859	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.60	252	145112	20.732	ng/ul	96
83) Benzo(a)anthracene	21.68	228	530027	20.454	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.58	149	271648	20.367	ng/ul	99
85) Chrysene	21.75	228	499005	20.016	ng/ul	98
87) Di-n-octyl phthalate	22.80	149	470976	20.877	ng/ul	100
88) Benzo(b)fluoranthene	23.90	252	524542	19.594	ng/ul	99
89) Benzo(k)fluoranthene	23.97	252	520638	20.071	ng/ul	97
91) Benzo(a)pyrene	24.79	252	481217	19.962	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.62	276	587351	19.606	ng/ul	99
93) Dibenzo(a,h)anthracene	28.68	278	484233	19.927	ng/ul	97
94) Benzo(g,h,i)perylene	29.77	276	493613	19.714	ng/ul	99

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

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