Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031221\
Data File : BG048366.D
Acq On : 12 Mar 2021 12:42
Operator : CG/JU
Sample : PB134984BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 12 13:20:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG031121.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 12 10:06:23 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS984

Manual Integrations APPROVED
mohammad
3/15/2021 11:31:18 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	41238	20.00	ng/ul	0.00
20) Naphthalene-d8	10.95	136	166580	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.77	164	125975	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.52	188	326425	20.00	ng/ul	0.00
79) Chrysene-d12	21.81	240	334740	20.00	ng/ul	0.00
88) Perylene-d12	25.16	264	345584	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	5381	5.65	ng/uL	0.00
4) Pyridine-d5	3.93	84	98514	33.81	ng/ul	0.00
7) Phenol-d5	7.26	99	128221	35.79	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.44	67	77003	34.81	ng/ul	0.00
11) 2-Chlorophenol-d4	7.65	132	90102	36.19	ng/ul	0.00
15) 4-Methylphenol-d8	8.82	113	104863	35.68	ng/ul	0.00
21) Nitrobenzene-d5	9.29	128	41240	35.75	ng/ul	0.00
24) 2-Nitrophenol-d4	10.02	143	49300	39.04	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.55	165	112319	36.20	ng/ul	0.00
31) 4-Chloroaniline-d4	11.08	131	121547	31.10	ng/ul	0.00
46) Dimethylphthalate-d6	14.17	166	356810	34.43	ng/ul	0.00
49) Acenaphthylene-d8	14.46	160	418860	36.81	ng/ul	0.00
54) 4-Nitrophenol-d4	14.94	143	57286	37.12	ng/ul	0.00
60) Fluorene-d10	15.76	176	313787	34.30	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.86	200	60246	36.12	ng/ul	0.00
73) Anthracene-d10	17.62	188	526267	35.29	ng/ul	0.00
81) Pyrene-d10	19.90	212	634730	37.08	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.93	264	679545	36.27	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	12212	12.786	ng/uL#	86
5) Pyridine	3.95	79	93919	32.268	ng/ul	95
6) Benzaldehyde	7.25	77	88621	39.172	ng/ul	100
8) Phenol	7.29	94	127085	33.553	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.54	93	97093	35.152	ng/ul	99
12) 2-Chlorophenol	7.69	128	88446	33.470	ng/ul	92
13) 2-Methylphenol	8.56	108	91355	32.241	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.65	45	109273	33.485	ng/ul	95
16) Acetophenone	8.95	105	159241	33.051	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.93	70	93273	32.653	ng/ul	93
18) 4-Methylphenol	8.89	108	96936	32.587	ng/ul	97
19) Hexachloroethane	9.22	117	40058	32.531	ng/ul	95
22) Nitrobenzene	9.33	77	134728	35.433	ng/ul	97
23) Isophorone	9.86	82	254523	32.384	ng/ul	99
25) 2-Nitrophenol	10.05	139	49920	34.713	ng/ul#	89
26) 2,4-Dimethylphenol	10.10	107	118904	31.423	ng/ul	97
27) Bis(2-Chloroethoxy)methane	10.34	93	126897	32.072	ng/ul	96
29) 2,4-Dichlorophenol	10.58	162	95255	32.862	ng/ul	96
30) Naphthalene	11.00	128	284670	32.337	ng/ul	98
32) 4-Chloroaniline	11.10	127	114482	29.789	ng/ul	94
33) Hexachlorobutadiene	11.29	225	95282	34.557	ng/ul	92
34) Caprolactam	11.86	113	34945m	31.643	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.21	107	115612	34.008	ng/ul	96
36) 2-Methylnaphthalene	12.60	142	218119	32.122	ng/ul	96
37) 1-Methylnaphthalene	12.82	142	215148	31.990	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	158095	32.967	ng/ul	96
40) Hexachlorocyclopentadiene	12.95	237	109648	31.488	ng/ul	98
41) 2,4,6-Trichlorophenol	13.20	196	102657	34.787	ng/ul	95
42) 2,4,5-Trichlorophenol	13.26	196	109680	34.625	ng/ul	98
43) 1,1'-Biphenyl	13.60	154	297081	31.870	ng/ul	98
44) 2-Chloronaphthalene	13.64	162	232277	31.811	ng/ul	98
45) 2-Nitroaniline	13.84	65	90272	40.021	ng/ul	98
47) Dimethylphthalate	14.21	163	345003	32.959	ng/ul#	96
48) 2,6-Dinitrotoluene	14.33	165	66385	37.030	ng/ul	92
50) Acenaphthylene	14.49	152	349015	31.983	ng/ul	99
51) 3-Nitroaniline	14.66	138	59953	34.783	ng/ul#	93
52) Acenaphthene	14.83	153	260793	32.224	ng/ul	97
53) 2,4-Dinitrophenol	14.86	184	41857	35.095	ng/ul	92
55) 4-Nitrophenol	14.95	109	78698m	38.501	ng/ul	
56) Dibenzofuran	15.17	168	371395	32.307	ng/ul	98
57) 2,4-Dinitrotoluene	15.11	165	97484	37.802	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	15.38	232	107767	35.990	ng/ul#	97
59) Diethylphthalate	15.58	149	341245	32.619	ng/ul	100
61) Fluorene	15.81	166	318500	32.548	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.81	204	188678	31.786	ng/ul	96
63) 4-Nitroaniline	15.82	138	64203	35.775	ng/ul	89
66) 4,6-Dinitro-2-methylphenol	15.88	198	63231	36.102	ng/ul#	99
67) N-Nitrosodiphenylamine	16.01	169	299148	33.086	ng/ul	98
68) 4-Bromophenyl-phenylether	16.70	248	134029	32.284	ng/ul	95
69) Hexachlorobenzene	16.82	284	143103	32.798	ng/ul	93
70) Atrazine	16.96	200	131748	32.379	ng/ul	96
71) Pentachlorophenol	17.15	266	91397	33.019	ng/ul	97
72) Phenanthrene	17.56	178	547870	33.056	ng/ul	99
74) Anthracene	17.65	178	557393	32.690	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.57	216	165265	32.293	ng/uL	92
76) Pentachlorobenzene	15.08	250	157973	29.468	ng/uL	99
77) Carbazole	17.92	167	484034	33.507	ng/ul	96
78) Di-n-butylphthalate	18.47	149	589241	32.590	ng/ul	97
80) Fluoranthene	19.57	202	731431	34.433	ng/ul	98
82) Pyrene	19.93	202	727092	34.276	ng/ul	99
83) Butylbenzylphthalate	20.81	149	265719	35.027	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.70	252	276847	33.765	ng/ul	97
85) Benzo(a)anthracene	21.79	228	753959	34.090	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.70	149	375414	33.947	ng/ul	98
87) Chrysene	21.86	228	727976	34.422	ng/ul	99
89) Di-n-octyl phthalate	22.96	149	642539	34.158	ng/ul	100
90) Benzo(b)fluoranthene	24.09	252	769386	33.661	ng/ul#	99
91) Benzo(k)fluoranthene	24.17	252	770787	34.315	ng/ul	97
93) Benzo(a)pyrene	25.01	252	685715	34.149	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.00	276	887474m	34.358	ng/ul	
95) Dibenzo(a,h)anthracene	29.07	278	727639	34.649	ng/ul	99
96) Benzo(g,h,i)perylene	30.21	276	722645	34.516	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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