Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031221\
Data File : BG048364.D
Acq On : 12 Mar 2021 10:55
Operator : CG/JU
Sample : M1496-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 12 11:34:00 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 :
X3170

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	40111	20.00	ng/ul	0.00
20) Naphthalene-d8	10.95	136	160413	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.76	164	123898	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.52	188	312633	20.00	ng/ul	0.00
79) Chrysene-d12	21.81	240	345662	20.00	ng/ul	0.00
88) Perylene-d12	25.17	264	345686	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	3664	3.96	ng/uL	0.00
4) Pyridine-d5	3.93	84	44358	15.65	ng/ul	0.00
7) Phenol-d5	7.26	99	86343	24.78	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.44	67	54154	25.17	ng/ul	0.00
11) 2-Chlorophenol-d4	7.65	132	61099	25.23	ng/ul	0.00
15) 4-Methylphenol-d8	8.82	113	69032	24.15	ng/ul	0.00
21) Nitrobenzene-d5	9.29	128	29484	26.55	ng/ul	0.00
24) 2-Nitrophenol-d4	10.01	143	32712	26.90	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.56	165	70829	23.70	ng/ul	0.00
31) 4-Chloroaniline-d4	11.07	131	82493	21.92	ng/ul	0.00
46) Dimethylphthalate-d6	14.16	166	290480	28.50	ng/ul	0.00
49) Acenaphthylene-d8	14.46	160	308935	27.60	ng/ul	0.00
54) 4-Nitrophenol-d4	14.93	143	46573	30.68	ng/ul	0.00
60) Fluorene-d10	15.75	176	252881	28.11	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.86	200	51873	32.47	ng/ul	0.00
73) Anthracene-d10	17.62	188	463950	32.48	ng/ul	0.00
81) Pyrene-d10	19.90	212	563574	31.88	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.93	264	611067	32.61	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	8531	9.183	ng/uL	88
14) 2,2'-oxybis(1-Chloropropan	8.66	45	53119	16.735	ng/ul#	96
22) Nitrobenzene	9.33	77	71608	19.556	ng/ul	98
25) 2-Nitrophenol	10.05	139	33903	24.482	ng/ul#	81
27) Bis(2-Chloroethoxy)methane	10.34	93	52327	13.734	ng/ul#	92
29) 2,4-Dichlorophenol	10.58	162	44294	15.868	ng/ul	98
30) Naphthalene	11.00	128	91471	10.790	ng/ul	98
35) 4-Chloro-3-methylphenol	12.21	107	173389	52.964	ng/ul	98
36) 2-Methylnaphthalene	12.60	142	162458	24.844	ng/ul	91
37) 1-Methylnaphthalene	12.82	142	133399	20.597	ng/ul	99
40) Hexachlorocyclopentadiene	12.95	237	79263	23.144	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.19	196	48375	16.667	ng/ul#	95
44) 2-Chloronaphthalene	13.65	162	132308	18.424	ng/ul	98
48) 2,6-Dinitrotoluene	14.33	165	22689	12.868	ng/ul	92
50) Acenaphthylene	14.49	152	176518	16.447	ng/ul	98
52) Acenaphthene	14.83	153	96402	12.111	ng/ul	94
57) 2,4-Dinitrotoluene	15.11	165	79404	31.307	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.38	232	107538	36.516	ng/ul	97
61) Fluorene	15.81	166	116325	12.087	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.80	204	113896	19.509	ng/ul	92
66) 4,6-Dinitro-2-methylphenol	15.88	198	170959	101.916	ng/ul#	97
68) 4-Bromophenyl-phenylether	16.70	248	103819	26.110	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) Hexachlorobenzene	16.81	284	115450	27.627	ng/ul	94
72) Phenanthrene	17.56	178	235077	14.809	ng/ul	98
74) Anthracene	17.65	178	283025	17.331	ng/ul	99
80) Fluoranthene	19.57	202	774726	35.319	ng/ul	98
82) Pyrene	19.93	202	314914	14.377	ng/ul	99
85) Benzo(a)anthracene	21.79	228	338759	14.833	ng/ul	99
87) Chrysene	21.86	228	304711	13.953	ng/ul	99
90) Benzo(b)fluoranthene	24.10	252	1025508	44.853	ng/ul	99
91) Benzo(k)fluoranthene	24.16	252	319721	14.229	ng/ul	99
93) Benzo(a)pyrene	25.00	252	263254	13.106	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.99	276	389602m	15.079	ng/ul	
95) Dibenzo(a,h)anthracene	29.08	278	385575	18.355	ng/ul	92
96) Benzo(g,h,i)perylene	30.19	276	344303	16.440	ng/ul#	95

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

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