Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121120\
Data File : BG047720.D
Acq On : 11 Dec 2020 19:07
Operator : CG/JU
Sample : L4485-02
Misc : MDL-SOIL-02
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-02

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Quant Time: Dec 12 00:20:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG121120.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 11 23:58:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	34763	20.00	ng/ul	0.00
20) Naphthalene-d8	11.03	136	141746	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.83	164	106020	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.56	188	266494	20.00	ng/ul	0.00
79) Chrysene-d12	21.84	240	308047	20.00	ng/ul	0.00
88) Perylene-d12	25.20	264	331448	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	4290	5.43	ng/uL	0.00
4) Pyridine-d5	3.96	84	55515	24.75	ng/ul	0.00
7) Phenol-d5	7.34	99	104557	35.85	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.52	67	57410	37.36	ng/ul	0.00
11) 2-Chlorophenol-d4	7.73	132	79812	36.19	ng/ul	0.00
15) 4-Methylphenol-d8	8.90	113	85110	38.37	ng/ul	0.00
21) Nitrobenzene-d5	9.37	128	39015	32.71	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	49569	36.51	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	97123	33.87	ng/ul	0.00
31) 4-Chloroaniline-d4	11.15	131	108693	32.57	ng/ul	0.00
46) Dimethylphthalate-d6	14.22	166	318585	36.41	ng/ul	0.00
49) Acenaphthylene-d8	14.53	160	373386	37.32	ng/ul	0.00
54) 4-Nitrophenol-d4	15.00	143	43017	32.28	ng/ul	0.00
60) Fluorene-d10	15.81	176	274372	33.59	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.92	200	62361	34.19	ng/ul	0.00
73) Anthracene-d10	17.66	188	446842	34.49	ng/ul	0.00
81) Pyrene-d10	19.93	212	527533	31.64	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.96	264	584590	31.43	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	964m	1.182	ng/uL	
5) Pyridine	3.98	79	6591m	3.133	ng/ul	
6) Benzaldehyde	7.33	77	7063	5.271	ng/ul#	79
8) Phenol	7.36	94	8775	3.062	ng/ul#	86
10) Bis(2-Chloroethyl)ether	7.61	93	6544	3.283	ng/ul#	90
12) 2-Chlorophenol	7.76	128	7252	3.315	ng/ul	89
13) 2-Methylphenol	8.64	108	7255	3.328	ng/ul#	67
14) 2,2'-oxybis(1-Chloropropan	8.73	45	5608	3.023	ng/ul#	93
16) Acetophenone	9.03	105	11936	3.204	ng/ul	95
17) N-Nitroso-di-n-propylamine	9.01	70	6295	3.077	ng/ul#	97
18) 4-Methylphenol	8.96	108	8074m	3.375	ng/ul	
19) Hexachloroethane	9.31	117	3296	3.076	ng/ul#	77
22) Nitrobenzene	9.41	77	11501	3.238	ng/ul#	93
23) Isophorone	9.94	82	18023	2.922	ng/ul#	92
25) 2-Nitrophenol	10.13	139	3805m	2.682	ng/ul	
26) 2,4-Dimethylphenol	10.18	107	9436	2.833	ng/ul	88
27) Bis(2-Chloroethoxy)methane	10.42	93	8138	2.764	ng/ul#	92
29) 2,4-Dichlorophenol	10.67	162	7509	2.854	ng/ul#	93
30) Naphthalene	11.08	128	23977	3.062	ng/ul	94
32) 4-Chloroaniline	11.18	127	9679	3.034	ng/ul	92
33) Hexachlorobutadiene	11.37	225	8483	3.003	ng/ul#	70
34) Caprolactam	11.96	113	2648m	2.971	ng/ul	

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35) 4-Chloro-3-methylphenol	12.28	107	7956	2.743	ng/ul#	93
36) 2-Methylnaphthalene	12.68	142	18544	3.138	ng/ul	94
37) 1-Methylnaphthalene	12.89	142	17346	3.072	ng/ul#	86
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	14129	3.236	ng/ul	91
40) Hexachlorocyclopentadiene	13.01	237	6550	2.288	ng/ul#	88
41) 2,4,6-Trichlorophenol	13.26	196	7591	2.899	ng/ul	93
42) 2,4,5-Trichlorophenol	13.34	196	7358	2.653	ng/ul#	84
43) 1,1'-Biphenyl	13.66	154	24179	2.953	ng/ul	97
44) 2-Chloronaphthalene	13.71	162	19575	3.037	ng/ul	95
45) 2-Nitroaniline	13.90	65	6507	2.939	ng/ul#	88
47) Dimethylphthalate	14.26	163	28435	3.172	ng/ul	96
48) 2,6-Dinitrotoluene	14.39	165	5908	3.119	ng/ul	95
50) Acenaphthylene	14.55	152	31211	3.310	ng/ul#	95
51) 3-Nitroaniline	14.71	138	3961	2.912	ng/ul#	80
52) Acenaphthene	14.89	153	20936	3.124	ng/ul	99
53) 2,4-Dinitrophenol	14.94	184	1350m	1.201	ng/ul	
55) 4-Nitrophenol	15.01	109	7069	3.128	ng/ul#	71
56) Dibenzofuran	15.22	168	29079	2.996	ng/ul	98
57) 2,4-Dinitrotoluene	15.17	165	7242	2.668	ng/ul#	74
58) 2,3,4,6-Tetrachlorophenol	15.44	232	6609	2.574	ng/ul#	90
59) Diethylphthalate	15.62	149	25948	2.924	ng/ul#	93
61) Fluorene	15.87	166	25603	3.069	ng/ul	94
62) 4-Chlorophenyl-phenylether	15.85	204	15542	2.979	ng/ul	88
63) 4-Nitroaniline	15.87	138	5008	3.917	ng/ul	90
66) 4,6-Dinitro-2-methylphenol	15.93	198	5352	2.891	ng/ul#	39
67) N-Nitrosodiphenylamine	16.07	169	22599	3.048	ng/ul	92
68) 4-Bromophenyl-phenylether	16.74	248	10984	3.210	ng/ul	90
69) Hexachlorobenzene	16.87	284	10669	2.840	ng/ul#	92
70) Atrazine	16.99	200	10386	2.940	ng/ul	92
71) Pentachlorophenol	17.21	266	2638m	1.494	ng/ul	
72) Phenanthrene	17.61	178	43232	2.988	ng/ul	99
74) Anthracene	17.69	178	41758	2.889	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.63	216	13475	3.120	ng/uL	97
76) Pentachlorobenzene	15.14	250	13532	3.211	ng/uL	93
77) Carbazole	17.96	167	35644	3.025	ng/ul	97
78) Di-n-butylphthalate	18.50	149	42472	2.939	ng/ul	96
80) Fluoranthene	19.60	202	58743	2.782	ng/ul#	95
82) Pyrene	19.96	202	57814	2.774	ng/ul#	98
83) Butylbenzylphthalate	20.82	149	19992	2.749	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.72	252	23874	3.148	ng/ul#	93
85) Benzo(a)anthracene	21.82	228	63698	2.929	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.70	149	27775	2.771	ng/ul	91
87) Chrysene	21.88	228	60532	2.934	ng/ul	95
89) Di-n-octyl phthalate	22.95	149	50185	2.877	ng/ul	100
90) Benzo(b)fluoranthene	24.12	252	66883	2.887	ng/ul	99
91) Benzo(k)fluoranthene	24.19	252	65910m	2.880	ng/ul	
93) Benzo(a)pyrene	25.03	252	58995	2.888	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	29.03	276	75021m	2.967	ng/ul	
95) Dibenzo(a,h)anthracene	29.09	278	61470	2.928	ng/ul#	96
96) Benzo(g,h,i)perylene	30.23	276	61194m	2.939	ng/ul	

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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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