Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020421\
Data File : BG048115.D
Acq On : 4 Feb 2021 14:45
Operator : CG/JU
Sample : L5214-04
Misc : SFAM-MDL-S-02
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2021-02

Manual Integrations APPROVED
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2/8/2021 12:15:43 PM

Quant Time: Feb 04 15:23:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG012921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 04 12:55:42 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	47377	20.00	ng/ul	0.00
20) Naphthalene-d8	10.92	136	180852	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.73	164	130216	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.48	188	330148	20.00	ng/ul	0.00
79) Chrysene-d12	21.75	240	383876	20.00	ng/ul	0.00
88) Perylene-d12	25.02	264	380008	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	4597	3.65	ng/uL	0.00
4) Pyridine-d5	3.93	84	70562	19.18	ng/ul	0.00
7) Phenol-d5	7.25	99	153598	34.77	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.43	67	99150	37.25	ng/ul	0.00
11) 2-Chlorophenol-d4	7.64	132	113451	35.29	ng/ul	0.00
15) 4-Methylphenol-d8	8.81	113	125462	35.98	ng/ul	0.00
21) Nitrobenzene-d5	9.27	128	56759	37.32	ng/ul	0.00
24) 2-Nitrophenol-d4	10.00	143	65669	35.13	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.53	165	122200	34.55	ng/ul	0.00
31) 4-Chloroaniline-d4	11.05	131	151871	33.53	ng/ul	0.00
46) Dimethylphthalate-d6	14.13	166	396038	36.42	ng/ul	0.00
49) Acenaphthylene-d8	14.43	160	476339	38.06	ng/ul	0.00
54) 4-Nitrophenol-d4	14.90	143	70054	35.92	ng/ul	0.00
60) Fluorene-d10	15.72	176	353814	36.30	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.83	200	77334	32.75	ng/ul	0.00
73) Anthracene-d10	17.57	188	580171	36.39	ng/ul	0.00
81) Pyrene-d10	19.85	212	739457	34.55	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.79	264	740289	35.63	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	2419	1.704	ng/uL#	87
5) Pyridine	3.96	79	16317	4.329	ng/ul#	72
6) Benzaldehyde	7.25	77	11067	5.163	ng/ul	95
8) Phenol	7.28	94	18900	4.220	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.52	93	14946	4.355	ng/ul	93
12) 2-Chlorophenol	7.67	128	13463	4.256	ng/ul	94
13) 2-Methylphenol	8.54	108	13996	4.331	ng/ul#	78
14) 2,2'-oxybis(1-Chloropropan	8.63	45	19893m	4.472	ng/ul	
16) Acetophenone	8.93	105	24100	4.353	ng/ul#	89
17) N-Nitroso-di-n-propylamine	8.91	70	12228	3.858	ng/ul	99
18) 4-Methylphenol	8.86	108	14129	3.995	ng/ul	98
19) Hexachloroethane	9.20	117	5790	3.957	ng/ul#	83
22) Nitrobenzene	9.32	77	19264	4.227	ng/ul#	92
23) Isophorone	9.83	82	34055	4.102	ng/ul	94
25) 2-Nitrophenol	10.03	139	7665	4.080	ng/ul	93
26) 2,4-Dimethylphenol	10.07	107	15652	3.984	ng/ul	94
27) Bis(2-Chloroethoxy)methane	10.32	93	19519	4.164	ng/ul#	86
29) 2,4-Dichlorophenol	10.56	162	14095	4.178	ng/ul	91
30) Naphthalene	10.97	128	44453	4.360	ng/ul#	95
32) 4-Chloroaniline	11.07	127	18140	4.186	ng/ul	96
33) Hexachlorobutadiene	11.26	225	12656	4.391	ng/ul	94
34) Caprolactam	11.85	113	4324	3.684	ng/ul	87

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35) 4-Chloro-3-methylphenol	12.18	107	14344	3.834	ng/ul	97
36) 2-Methylnaphthalene	12.57	142	32145	4.258	ng/ul	87
37) 1-Methylnaphthalene	12.79	142	31348	4.380	ng/ul#	94
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	23735	4.652	ng/ul#	92
40) Hexachlorocyclopentadiene	12.92	237	17311	5.185	ng/ul#	98
41) 2,4,6-Trichlorophenol	13.16	196	13675	4.119	ng/ul	91
42) 2,4,5-Trichlorophenol	13.24	196	15565	4.399	ng/ul	88
43) 1,1'-Biphenyl	13.57	154	43752	4.397	ng/ul	95
44) 2-Chloronaphthalene	13.61	162	36278	4.355	ng/ul	93
45) 2-Nitroaniline	13.81	65	11657	4.190	ng/ul	91
47) Dimethylphthalate	14.18	163	49315	4.411	ng/ul#	95
48) 2,6-Dinitrotoluene	14.29	165	9597	4.058	ng/ul	99
50) Acenaphthylene	14.46	152	51933	4.300	ng/ul	95
51) 3-Nitroaniline	14.62	138	7840	4.397	ng/ul#	96
52) Acenaphthene	14.80	153	37609	4.293	ng/ul	95
53) 2,4-Dinitrophenol	14.83	184	6173	3.909	ng/ul#	90
55) 4-Nitrophenol	14.92	109	8943	4.377	ng/ul	95
56) Dibenzofuran	15.13	168	55757	4.416	ng/ul	99
57) 2,4-Dinitrotoluene	15.08	165	13626	4.078	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.35	232	14259	4.162	ng/ul#	91
59) Diethylphthalate	15.54	149	50260	4.431	ng/ul	97
61) Fluorene	15.78	166	43729	4.266	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.77	204	26592	4.263	ng/ul	97
63) 4-Nitroaniline	15.78	138	7205	4.142	ng/ul#	88
66) 4,6-Dinitro-2-methylphenol	15.84	198	10605	4.301	ng/ul#	97
67) N-Nitrosodiphenylamine	15.98	169	39459	4.136	ng/ul	99
68) 4-Bromophenyl-phenylether	16.66	248	18020	4.113	ng/ul	89
69) Hexachlorobenzene	16.78	284	19484	4.242	ng/ul	96
70) Atrazine	16.92	200	18392	4.302	ng/ul	92
71) Pentachlorophenol	17.12	266	10951m	3.923	ng/ul	
72) Phenanthrene	17.52	178	80364	4.338	ng/ul	98
74) Anthracene	17.61	178	81061	4.305	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.54	216	23921	4.480	ng/uL	98
76) Pentachlorobenzene	15.05	250	22069	4.075	ng/uL	97
77) Carbazole	17.87	167	69794	4.521	ng/ul	98
78) Di-n-butylphthalate	18.43	149	85714	4.365	ng/ul#	98
80) Fluoranthene	19.52	202	110753	4.063	ng/ul	100
82) Pyrene	19.88	202	114256	4.282	ng/ul	99
83) Butylbenzylphthalate	20.76	149	40709	4.182	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.64	252	35814	3.972	ng/ul	90
85) Benzo(a)anthracene	21.73	228	115754	4.324	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.63	149	55984	4.030	ng/ul	97
87) Chrysene	21.79	228	113152	4.382	ng/ul	99
89) Di-n-octyl phthalate	22.86	149	97513	4.554	ng/ul	100
90) Benzo(b)fluoranthene	23.97	252	113575	4.448	ng/ul	96
91) Benzo(k)fluoranthene	24.04	252	114167m	4.578	ng/ul	
93) Benzo(a)pyrene	24.86	252	100118	4.299	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.73	276	127911m	4.430	ng/ul	
95) Dibenzo(a,h)anthracene	28.79	278	107258	4.481	ng/ul	100
96) Benzo(g,h,i)perylene	29.90	276	103717m	4.306	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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