Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120720\
Data File : BP004186.D
Acq On : 07 Dec 2020 17:02
Operator : CG/JU
Sample : L4485-18
Misc : ME-SOIL-04
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-04

Manual Integrations APPROVED
mohammad
12/8/2020 2:05:42 PM

Quant Time: Dec 07 17:29:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP120420.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 12:11:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	462950	20.00	ng/ul	0.00
20) Naphthalene-d8	10.64	136	1954029	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.49	164	1216155	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.25	188	2599122	20.00	ng/ul	0.00
79) Chrysene-d12	21.34	240	2653982	20.00	ng/ul	-0.01
88) Perylene-d12	23.70	264	2710549	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	55956	4.64	ng/uL	0.00
4) Pyridine-d5	3.74	84	780073	22.79	ng/ul	0.00
7) Phenol-d5	7.00	99	1233593	29.81	ng/ul	-0.01
9) Bis-(2-Chloroethyl)ether-d	7.18	67	798184	33.36	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.38	132	948997	29.47	ng/ul	-0.01
15) 4-Methylphenol-d8	8.54	113	987238	30.28	ng/ul	-0.01
21) Nitrobenzene-d5	9.00	128	507763	31.87	ng/ul	0.00
24) 2-Nitrophenol-d4	9.72	143	419093	28.81	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.26	165	901257	28.16	ng/ul	0.00
31) 4-Chloroaniline-d4	10.77	131	1356746	28.88	ng/ul	-0.01
46) Dimethylphthalate-d6	13.90	166	2953985	30.58	ng/ul	-0.01
49) Acenaphthylene-d8	14.18	160	3815698	32.15	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.67	143	421435	26.66	ng/ul	0.00
60) Fluorene-d10	15.49	176	2542656	30.10	ng/ul	-0.01
65) 4,6-Dinitro-2-methylphenol	15.60	200	276466	26.18	ng/ul	-0.01
73) Anthracene-d10	17.35	188	3860705	30.22	ng/ul	0.00
81) Pyrene-d10	19.59	212	4404189	31.54	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.56	264	4283575	29.42	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	9739	0.746	ng/uL#	77
5) Pyridine	3.76	79	107027	3.092	ng/ul#	47
6) Benzaldehyde	6.99	77	91103	4.954	ng/ul	94
8) Phenol	7.03	94	116921	2.761	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.27	93	104758	3.083	ng/ul	95
12) 2-Chlorophenol	7.40	128	87689	2.693	ng/ul	99
13) 2-Methylphenol	8.28	108	76496	2.374	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.38	45	123689	3.055	ng/ul	95
16) Acetophenone	8.66	105	147414	2.918	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.65	70	72032	2.715	ng/ul#	97
18) 4-Methylphenol	8.60	108	91777	2.672	ng/ul	98
19) Hexachloroethane	8.93	117	39581	2.839	ng/ul	97
22) Nitrobenzene	9.04	77	115467	2.974	ng/ul	95
23) Isophorone	9.56	82	197159	2.513	ng/ul	98
25) 2-Nitrophenol	9.75	139	43047	2.762	ng/ul	98
26) 2,4-Dimethylphenol	9.81	107	93891	2.484	ng/ul	100
27) Bis(2-Chloroethoxy)methane	10.05	93	130149	2.788	ng/ul	97
29) 2,4-Dichlorophenol	10.28	162	83565m	2.702	ng/ul	
30) Naphthalene	10.69	128	320498	2.933	ng/ul	100
32) 4-Chloroaniline	10.79	127	125660	2.801	ng/ul	97
33) Hexachlorobutadiene	10.98	225	60913	2.745	ng/ul	99
34) Caprolactam	11.57	113	19443	1.704	ng/ul	93

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35) 4-Chloro-3-methylphenol	11.92	107	68859	2.006	ng/ul	95
36) 2-Methylnaphthalene	12.30	142	215283	2.797	ng/ul	99
37) 1-Methylnaphthalene	12.52	142	207099	2.799	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	118957	2.913	ng/ul	99
40) Hexachlorocyclopentadiene	12.66	237	50876	1.993	ng/ul	98
41) 2,4,6-Trichlorophenol	12.91	196	47275	2.010	ng/ul	98
42) 2,4,5-Trichlorophenol	12.97	196	48589	1.919	ng/ul	100
43) 1,1'-Biphenyl	13.32	154	285391	2.934	ng/ul	100
44) 2-Chloronaphthalene	13.36	162	228275	2.960	ng/ul	98
45) 2-Nitroaniline	13.56	65	40648	2.147	ng/ul	97
47) Dimethylphthalate	13.95	163	274644	2.801	ng/ul	99
48) 2,6-Dinitrotoluene	14.06	165	37659	2.116	ng/ul	94
50) Acenaphthylene	14.21	152	338061	2.874	ng/ul	99
51) 3-Nitroaniline	14.39	138	40403	2.433	ng/ul	100
52) Acenaphthene	14.55	153	232142	2.798	ng/ul	97
53) 2,4-Dinitrophenol	14.59	184	9705	1.415	ng/ul	92
55) 4-Nitrophenol	14.69	109	29657	2.494	ng/ul#	85
56) Dibenzofuran	14.89	168	335186	2.914	ng/ul	99
57) 2,4-Dinitrotoluene	14.85	165	56516	2.325	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.12	232	43468	2.104	ng/ul#	98
59) Diethylphthalate	15.32	149	243333	2.458	ng/ul	99
61) Fluorene	15.55	166	273618	2.867	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.54	204	142649	2.865	ng/ul	98
63) 4-Nitroaniline	15.55	138	44247	2.818	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.61	198	30613	2.598	ng/ul#	80
67) N-Nitrosodiphenylamine	15.75	169	216607	2.708	ng/ul	100
68) 4-Bromophenyl-phenylether	16.44	248	81362	2.615	ng/ul	97
69) Hexachlorobenzene	16.55	284	98938	2.852	ng/ul	99
70) Atrazine	16.71	200	64697	2.071	ng/ul	96
71) Pentachlorophenol	16.89	266	28497	1.720	ng/ul	95
72) Phenanthrene	17.29	178	439649	2.941	ng/ul	99
74) Anthracene	17.38	178	437690	2.874	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.28	216	119865	3.038	ng/uL	99
76) Pentachlorobenzene	14.81	250	116779	2.928	ng/uL	99
77) Carbazole	17.65	167	338507	2.617	ng/ul	100
78) Di-n-butylphthalate	18.22	149	328112	1.946	ng/ul	99
80) Fluoranthene	19.26	202	474982	2.687	ng/ul	99
82) Pyrene	19.62	202	535120	2.980	ng/ul	99
83) Butylbenzylphthalate	20.50	149	109558	1.502	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.26	252	92328	1.533	ng/ul	97
85) Benzo(a)anthracene	21.33	228	491631	2.754	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.27	149	180946	1.644	ng/ul	100
87) Chrysene	21.38	228	496636	2.905	ng/ul	99
89) Di-n-octyl phthalate	22.19	149	249945	1.543	ng/ul	100
90) Benzo(b)fluoranthene	22.99	252	466128	2.671	ng/ul	100
91) Benzo(k)fluoranthene	23.03	252	514567	3.044	ng/ul	99
93) Benzo(a)pyrene	23.60	252	465607	2.905	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.13	276	526835	2.566	ng/ul	98
95) Dibenzo(a,h)anthracene	26.15	278	451292	2.634	ng/ul	98
96) Benzo(g,h,i)perylene	26.87	276	438954	2.548	ng/ul	99

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

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