Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120720\
Data File : BM028054.D
Acq On : 07 Dec 2020 12:18
Operator : JU/CG
Sample : L4485-04
Misc : MDL-SOIL--01
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-04

Manual Integrations APPROVED

mohammad

Quant Time: Dec 07 13:06:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120320.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 08:15:07 2020
Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	194638	20.00	ng/ul	0.00
20) Naphthalene-d8	11.12	136	799661	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.91	164	453618	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.63	188	905418	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	834989	20.00	ng/ul	0.00
88) Perylene-d12	24.14	264	835561	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	23100	4.43	ng/uL	0.00
4) Pyridine-d5	3.93	84	305555	21.73	ng/ul	0.00
7) Phenol-d5	7.42	99	507213	31.31	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.59	67	330616	32.83	ng/ul	0.00
11) 2-Chlorophenol-d4	7.80	132	431470	31.97	ng/ul	0.00
15) 4-Methylphenol-d8	8.99	113	419299	32.81	ng/ul	0.00
21) Nitrobenzene-d5	9.46	128	200449	32.29	ng/ul	0.00
24) 2-Nitrophenol-d4	10.19	143	203735	32.84	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.73	165	380759	30.26	ng/ul	0.00
31) 4-Chloroaniline-d4	11.25	131	545809	31.71	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	1089595	32.47	ng/ul	0.00
49) Acenaphthylene-d8	14.60	160	1425792	33.10	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	184502	28.50	ng/ul	0.00
60) Fluorene-d10	15.89	176	933337	31.03	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.99	200	141467	26.92	ng/ul	0.00
73) Anthracene-d10	17.72	188	1372599	30.92	ng/ul	0.00
81) Pyrene-d10	19.97	212	1427114	32.56	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.98	264	1330123	29.90	ng/ul	0.00
Target Compounds						Qvalue
5) Pyridine	3.96	79	42683	3.025	ng/ul#	68
6) Benzaldehyde	7.40	77	34657	5.174	ng/ul	95
8) Phenol	7.45	94	47052	2.846	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.69	93	41579	3.054	ng/ul	99
12) 2-Chlorophenol	7.84	128	40023	2.881	ng/ul	99
13) 2-Methylphenol	8.72	108	33747	2.727	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.82	45	66743	3.046	ng/ul	98
16) Acetophenone	9.12	105	57069	2.984	ng/ul	98
17) N-Nitroso-di-n-propylamine	9.10	70	26430	2.909	ng/ul	96
18) 4-Methylphenol	9.05	108	37660	2.838	ng/ul	91
19) Hexachloroethane	9.39	117	16411	2.814	ng/ul	92
22) Nitrobenzene	9.50	77	44879	2.930	ng/ul	98
23) Isophorone	10.03	82	70574	2.754	ng/ul	96
25) 2-Nitrophenol	10.22	139	20006	2.852	ng/ul	90
26) 2,4-Dimethylphenol	10.27	107	40125	2.783	ng/ul	97
27) Bis(2-Chloroethoxy)methane	10.51	93	51367	2.920	ng/ul	99
29) 2,4-Dichlorophenol	10.76	162	35415	2.877	ng/ul	97
30) Naphthalene	11.17	128	127673	2.827	ng/ul	99
32) 4-Chloroaniline	11.27	127	49948	2.997	ng/ul	98
33) Hexachlorobutadiene	11.45	225	23559	2.923	ng/ul	99
34) Caprolactam	12.03	113	8084m	2.279	ng/ul	
35) 4-Chloro-3-methylphenol	12.36	107	32570	2.638	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.76	142	82677	2.785	ng/ul	98
37) 1-Methylnaphthalene	12.97	142	80664	2.826	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	43056	2.789	ng/ul	96
40) Hexachlorocyclopentadiene	13.10	237	18861	2.144	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.35	196	22516	2.434	ng/ul	98
42) 2,4,5-Trichlorophenol	13.42	196	24868	2.503	ng/ul	97
43) 1,1'-Biphenyl	13.75	154	109434	2.815	ng/ul	99
44) 2-Chloronaphthalene	13.79	162	86050	2.810	ng/ul	100
45) 2-Nitroaniline	13.99	65	17940	2.356	ng/ul	96
47) Dimethylphthalate	14.35	163	102488	2.954	ng/ul#	98
48) 2,6-Dinitrotoluene	14.47	165	15043	2.284	ng/ul#	95
50) Acenaphthylene	14.63	152	125215	2.805	ng/ul	99
51) 3-Nitroaniline	14.80	138	15867	2.427	ng/ul#	91
52) Acenaphthene	14.97	153	89715	2.800	ng/ul	99
53) 2,4-Dinitrophenol	15.00	184	6010	1.586	ng/ul#	89
55) 4-Nitrophenol	15.08	109	14207	2.985	ng/ul	92
56) Dibenzofuran	15.30	168	123382	2.843	ng/ul	99
57) 2,4-Dinitrotoluene	15.25	165	22850	2.475	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.52	232	19640	2.461	ng/ul#	96
59) Diethylphthalate	15.69	149	96474	2.838	ng/ul	100
61) Fluorene	15.94	166	102043	2.880	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.93	204	51126	2.947	ng/ul	99
63) 4-Nitroaniline	15.95	138	16583	2.863	ng/ul	91
66) 4,6-Dinitro-2-methylphenol	16.00	198	14349	2.480	ng/ul#	61
67) N-Nitrosodiphenylamine	16.13	169	80115	2.690	ng/ul	99
68) 4-Bromophenyl-phenylether	16.82	248	28463	2.751	ng/ul	94
69) Hexachlorobenzene	16.93	284	33354	2.794	ng/ul	97
70) Atrazine	17.06	200	24878	2.469	ng/ul	99
71) Pentachlorophenol	17.27	266	13417	2.008	ng/ul	95
72) Phenanthrene	17.67	178	153571	2.790	ng/ul	99
74) Anthracene	17.76	178	154092	2.748	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.72	216	41525	2.716	ng/uL	98
76) Pentachlorobenzene	15.22	250	40469	2.762	ng/uL	97
77) Carbazole	18.02	167	122824	2.574	ng/ul	99
78) Di-n-butylphthalate	18.55	149	138142	2.540	ng/ul	98
80) Fluoranthene	19.64	202	158411	2.758	ng/ul	98
82) Pyrene	20.00	202	175835	2.933	ng/ul	98
83) Butylbenzylphthalate	20.86	149	58595	2.723	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.64	252	49326	2.666	ng/ul	97
85) Benzo(a)anthracene	21.72	228	157446	2.840	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.62	149	82031	2.520	ng/ul	100
87) Chrysene	21.77	228	155450	2.837	ng/ul	100
89) Di-n-octyl phthalate	22.54	149	134999	2.384	ng/ul	100
90) Benzo(b)fluoranthene	23.40	252	158397	2.873	ng/ul	99
91) Benzo(k)fluoranthene	23.45	252	147946	2.781	ng/ul	98
93) Benzo(a)pyrene	24.03	252	142328	2.838	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.61	276	168789	2.741	ng/ul	95
95) Dibenzo(a,h)anthracene	26.62	278	142291	2.734	ng/ul	98
96) Benzo(g,h,i)perylene	27.38	276	139493	2.685	ng/ul	99

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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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