Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120520\
Data File : BP004171.D
Acq On : 05 Dec 2020 21:02
Operator : CG/JU
Sample : L4485-16
Misc : ME-SOIL-02
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-ME-SOIL-02

Quant Time: Dec 07 03:26:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP120420.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 03:23:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	411823	20.00	ng/ul	0.00
20) Naphthalene-d8	10.65	136	1722409	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.49	164	1085414	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.25	188	2371369	20.00	ng/ul	0.00
79) Chrysene-d12	21.34	240	2462108	20.00	ng/ul	0.00
88) Perylene-d12	23.70	264	2587965	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	54065	5.04	ng/uL	0.00
4) Pyridine-d5	3.74	84	752620	24.71	ng/ul	0.00
7) Phenol-d5	7.00	99	1224694	33.27	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.18	67	781283	36.71	ng/ul	0.00
11) 2-Chlorophenol-d4	7.38	132	950572	33.18	ng/ul	0.00
15) 4-Methylphenol-d8	8.55	113	978387	33.73	ng/ul	0.00
21) Nitrobenzene-d5	9.00	128	486661	34.65	ng/ul	0.00
24) 2-Nitrophenol-d4	9.72	143	432402	33.72	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.26	165	888807	31.50	ng/ul	0.00
31) 4-Chloroaniline-d4	10.77	131	1331297	32.15	ng/ul	0.00
46) Dimethylphthalate-d6	13.90	166	2898020	33.62	ng/ul	0.00
49) Acenaphthylene-d8	14.18	160	3702189	34.95	ng/ul	0.00
54) 4-Nitrophenol-d4	14.67	143	439862	31.17	ng/ul	0.00
60) Fluorene-d10	15.49	176	2470607	32.77	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.60	200	284296	29.50	ng/ul	0.00
73) Anthracene-d10	17.35	188	3838746	32.94	ng/ul	0.00
81) Pyrene-d10	19.59	212	4362719	33.68	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.56	264	4395433	31.62	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	8269	0.712	ng/uL#	86
5) Pyridine	3.76	79	94145	3.058	ng/ul#	41
6) Benzaldehyde	6.99	77	80852	4.942	ng/ul	99
8) Phenol	7.03	94	105779	2.808	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.27	93	93264	3.085	ng/ul	98
12) 2-Chlorophenol	7.41	128	80205	2.769	ng/ul	99
13) 2-Methylphenol	8.28	108	71723	2.502	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.38	45	112922	3.136	ng/ul#	92
16) Acetophenone	8.66	105	129781	2.888	ng/ul	94
17) N-Nitroso-di-n-propylamine	8.65	70	66003	2.796	ng/ul	99
18) 4-Methylphenol	8.60	108	80905	2.648	ng/ul	99
19) Hexachloroethane	8.93	117	35348	2.850	ng/ul	98
22) Nitrobenzene	9.04	77	102232	2.987	ng/ul	97
23) Isophorone	9.56	82	182039	2.632	ng/ul	97
25) 2-Nitrophenol	9.75	139	39742	2.893	ng/ul	98
26) 2,4-Dimethylphenol	9.81	107	86410	2.594	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.06	93	113424	2.757	ng/ul	99
29) 2,4-Dichlorophenol	10.28	162	76062	2.791	ng/ul#	83
30) Naphthalene	10.69	128	276979	2.876	ng/ul	99
32) 4-Chloroaniline	10.80	127	109127	2.760	ng/ul	98
33) Hexachlorobutadiene	10.99	225	55594	2.842	ng/ul	99
34) Caprolactam	11.57	113	20555	2.044	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.92	107	67146	2.219	ng/ul	96
36) 2-Methylnaphthalene	12.31	142	190786	2.812	ng/ul	96
37) 1-Methylnaphthalene	12.53	142	181918	2.789	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	103374	2.836	ng/ul	99
40) Hexachlorocyclopentadiene	12.66	237	51696	2.269	ng/ul	96
41) 2,4,6-Trichlorophenol	12.91	196	44542	2.122	ng/ul	99
42) 2,4,5-Trichlorophenol	12.98	196	49691	2.198	ng/ul	97
43) 1,1'-Biphenyl	13.32	154	251173	2.894	ng/ul	99
44) 2-Chloronaphthalene	13.36	162	201025	2.921	ng/ul	99
45) 2-Nitroaniline	13.56	65	40154	2.376	ng/ul	94
47) Dimethylphthalate	13.95	163	245403	2.804	ng/ul	100
48) 2,6-Dinitrotoluene	14.06	165	35807	2.254	ng/ul#	92
50) Acenaphthylene	14.21	152	295797	2.818	ng/ul	99
51) 3-Nitroaniline	14.39	138	37996	2.563	ng/ul	98
52) Acenaphthene	14.56	153	206496	2.789	ng/ul	99
53) 2,4-Dinitrophenol	14.59	184	9510	1.553	ng/ul	98
55) 4-Nitrophenol	14.69	109	28610	2.696	ng/ul	90
56) Dibenzofuran	14.89	168	296882	2.892	ng/ul	100
57) 2,4-Dinitrotoluene	14.85	165	53867	2.483	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.12	232	41358	2.243	ng/ul	94
59) Diethylphthalate	15.32	149	229511	2.598	ng/ul	99
61) Fluorene	15.55	166	241609	2.837	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.55	204	123829	2.787	ng/ul	98
63) 4-Nitroaniline	15.55	138	40585	2.896	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.61	198	28870	2.685	ng/ul#	70
67) N-Nitrosodiphenylamine	15.75	169	196370	2.691	ng/ul	99
68) 4-Bromophenyl-phenylether	16.45	248	74889	2.639	ng/ul	96
69) Hexachlorobenzene	16.55	284	87016	2.749	ng/ul	98
70) Atrazine	16.71	200	62240	2.183	ng/ul	96
71) Pentachlorophenol	16.89	266	27939	1.848	ng/ul	99
72) Phenanthrene	17.29	178	387714	2.842	ng/ul	99
74) Anthracene	17.39	178	391603	2.818	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.29	216	103814	2.884	ng/uL	99
76) Pentachlorobenzene	14.81	250	101215	2.782	ng/uL	98
77) Carbazole	17.65	167	319977	2.711	ng/ul	100
78) Di-n-butylphthalate	18.22	149	341003	2.217	ng/ul	99
80) Fluoranthene	19.26	202	444687	2.711	ng/ul	98
82) Pyrene	19.62	202	482630	2.897	ng/ul	97
83) Butylbenzylphthalate	20.50	149	114674	1.694	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.26	252	108425	1.941	ng/ul	99
85) Benzo(a)anthracene	21.33	228	455707	2.751	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.27	149	196954	1.929	ng/ul	99
87) Chrysene	21.38	228	456198	2.876	ng/ul	99
89) Di-n-octyl phthalate	22.19	149	285859	1.849	ng/ul	100
90) Benzo(b)fluoranthene	22.99	252	444147	2.665	ng/ul	99
91) Benzo(k)fluoranthene	23.03	252	463448	2.871	ng/ul	99
93) Benzo(a)pyrene	23.60	252	428618	2.801	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.13	276	493187	2.516	ng/ul	99
95) Dibenzo(a,h)anthracene	26.14	278	418392	2.557	ng/ul	99
96) Benzo(g,h,i)perylene	26.87	276	411458	2.501	ng/ul	97

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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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