Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120520\
Data File : BP004169.D
Acq On : 05 Dec 2020 19:54
Operator : CG/JU
Sample : L4485-15
Misc : ME-SOIL-01
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-ME-SOIL-01

Manual Integrations APPROVED
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12/7/2020 2:06:14 PM

Quant Time: Dec 07 03:36:03 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	417123	20.00	ng/ul	0.00
20) Naphthalene-d8	10.65	136	1740435	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.49	164	1092335	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.25	188	2416979	20.00	ng/ul	0.00
79) Chrysene-d12	21.34	240	2604171	20.00	ng/ul	0.00
88) Perylene-d12	23.71	264	2754957	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	52434	4.83	ng/uL	0.00
4) Pyridine-d5	3.74	84	731712	23.72	ng/ul	0.00
7) Phenol-d5	7.00	99	1211320	32.48	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.18	67	760678	35.29	ng/ul	0.00
11) 2-Chlorophenol-d4	7.38	132	934213	32.19	ng/ul	0.00
15) 4-Methylphenol-d8	8.55	113	964208	32.82	ng/ul	0.00
21) Nitrobenzene-d5	9.00	128	479063	33.76	ng/ul	0.00
24) 2-Nitrophenol-d4	9.72	143	420516	32.46	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.26	165	870296	30.53	ng/ul	0.00
31) 4-Chloroaniline-d4	10.78	131	1298910	31.05	ng/ul	0.00
46) Dimethylphthalate-d6	13.90	166	2860425	32.97	ng/ul	0.00
49) Acenaphthylene-d8	14.18	160	3644887	34.19	ng/ul	0.00
54) 4-Nitrophenol-d4	14.67	143	428318	30.16	ng/ul	0.00
60) Fluorene-d10	15.49	176	2433247	32.07	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.60	200	282127	28.73	ng/ul	0.00
73) Anthracene-d10	17.35	188	3772176	31.75	ng/ul	0.00
81) Pyrene-d10	19.59	212	4316743	31.51	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.56	264	4429148	29.93	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	9611	0.817	ng/uL	90
5) Pyridine	3.76	79	107862	3.459	ng/ul#	71
6) Benzaldehyde	6.99	77	93658	5.652	ng/ul	96
8) Phenol	7.03	94	124748	3.270	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.27	93	105245	3.438	ng/ul	97
12) 2-Chlorophenol	7.41	128	91110	3.105	ng/ul	98
13) 2-Methylphenol	8.28	108	85279	2.937	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.38	45	126665	3.473	ng/ul	96
16) Acetophenone	8.66	105	150716	3.311	ng/ul	95
17) N-Nitroso-di-n-propylamine	8.65	70	75253	3.148	ng/ul	97
18) 4-Methylphenol	8.60	108	95859	3.097	ng/ul	98
19) Hexachloroethane	8.93	117	41020	3.265	ng/ul	99
22) Nitrobenzene	9.04	77	117367	3.394	ng/ul	98
23) Isophorone	9.57	82	212918	3.047	ng/ul	99
25) 2-Nitrophenol	9.75	139	44674	3.218	ng/ul	99
26) 2,4-Dimethylphenol	9.81	107	98794	2.934	ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.06	93	131275	3.158	ng/ul	99
29) 2,4-Dichlorophenol	10.28	162	86805m	3.152	ng/ul	
30) Naphthalene	10.69	128	320258	3.291	ng/ul	99
32) 4-Chloroaniline	10.80	127	127464	3.190	ng/ul	99
33) Hexachlorobutadiene	10.99	225	64257	3.251	ng/ul	99
34) Caprolactam	11.58	113	23960	2.358	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.92	107	78074	2.553 ng/ul	96
36) 2-Methylnaphthalene	12.31	142	222319	3.243 ng/ul	97
37) 1-Methylnaphthalene	12.53	142	207525	3.149 ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	119733	3.264 ng/ul	99
40) Hexachlorocyclopentadiene	12.66	237	59811	2.608 ng/ul	99
41) 2,4,6-Trichlorophenol	12.92	196	54294	2.570 ng/ul	99
42) 2,4,5-Trichlorophenol	12.98	196	59565	2.619 ng/ul	96
43) 1,1'-Biphenyl	13.32	154	287940	3.296 ng/ul	98
44) 2-Chloronaphthalene	13.36	162	230422	3.327 ng/ul	98
45) 2-Nitroaniline	13.56	65	46595	2.740 ng/ul	92
47) Dimethylphthalate	13.95	163	282683	3.210 ng/ul	99
48) 2,6-Dinitrotoluene	14.06	165	42841	2.680 ng/ul	97
50) Acenaphthylene	14.21	152	345444	3.270 ng/ul	99
51) 3-Nitroaniline	14.39	138	44660	2.994 ng/ul	94
52) Acenaphthene	14.56	153	241701	3.243 ng/ul	99
53) 2,4-Dinitrophenol	14.59	184	11069	1.796 ng/ul	95
55) 4-Nitrophenol	14.69	109	33501	3.137 ng/ul	90
56) Dibenzofuran	14.89	168	341043	3.301 ng/ul	99
57) 2,4-Dinitrotoluene	14.85	165	61075	2.797 ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.12	232	48398	2.608 ng/ul#	97
59) Diethylphthalate	15.32	149	268555	3.021 ng/ul	99
61) Fluorene	15.55	166	281609	3.285 ng/ul	99
62) 4-Chlorophenyl-phenylether	15.55	204	144539	3.232 ng/ul	98
63) 4-Nitroaniline	15.55	138	48264	3.422 ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.61	198	32843	2.997 ng/ul#	63
67) N-Nitrosodiphenylamine	15.76	169	230698	3.102 ng/ul	98
68) 4-Bromophenyl-phenylether	16.44	248	86246	2.981 ng/ul	97
69) Hexachlorobenzene	16.55	284	101628	3.150 ng/ul	99
70) Atrazine	16.71	200	76278	2.625 ng/ul	99
71) Pentachlorophenol	16.90	266	36700	2.382 ng/ul	97
72) Phenanthrene	17.29	178	453420	3.261 ng/ul	99
74) Anthracene	17.39	178	457588	3.231 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.29	216	118600	3.232 ng/uL	99
76) Pentachlorobenzene	14.81	250	114446	3.086 ng/uL	100
77) Carbazole	17.65	167	374866	3.116 ng/ul	98
78) Di-n-butylphthalate	18.22	149	407944	2.602 ng/ul	100
80) Fluoranthene	19.26	202	518935	2.991 ng/ul	98
82) Pyrene	19.62	202	564238	3.202 ng/ul	99
83) Butylbenzylphthalate	20.50	149	142781	1.994 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.26	252	134800	2.281 ng/ul	99
85) Benzo(a)anthracene	21.33	228	543624	3.103 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.27	149	245302	2.271 ng/ul	98
87) Chrysene	21.38	228	533856	3.182 ng/ul	100
89) Di-n-octyl phthalate	22.19	149	352108	2.139 ng/ul	100
90) Benzo(b)fluoranthene	22.99	252	528047	2.977 ng/ul	99
91) Benzo(k)fluoranthene	23.03	252	556472	3.238 ng/ul	100
93) Benzo(a)pyrene	23.60	252	511231	3.138 ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.13	276	600959	2.880 ng/ul	97
95) Dibenzo(a,h)anthracene	26.15	278	510637	2.932 ng/ul	98
96) Benzo(g,h,i)perylene	26.87	276	500441	2.858 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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