Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012621\
Data File : BP004631.D
Acq On : 26 Jan 2021 13:16
Operator : CG/JU
Sample : L5214-06
Misc : SFAM-MDL-ME-02
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT1-2021-02

Manual Integrations APPROVED
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1/27/2021 1:15:57 PM

Quant Time: Jan 26 14:00:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP012221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 26 10:01:06 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	43462	20.00	ng/ul	0.00
20) Naphthalene-d8	10.593	136	154128	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.446	164	128396	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.204	188	319434	20.00	ng/ul	0.00
79) Chrysene-d12	21.286	240	349583	20.00	ng/ul	0.00
88) Perylene-d12	23.610	264	322582	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	3521	3.92	ng/uL	0.00
4) Pyridine-d5	3.693	84	45355	18.70	ng/ul	0.00
7) Phenol-d5	6.964	99	119808	35.33	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	73768	39.41	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	89721	34.60	ng/ul	0.00
15) 4-Methylphenol-d8	8.505	113	95703	34.30	ng/ul	0.00
21) Nitrobenzene-d5	8.958	128	43170	35.43	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	53235	33.48	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	115274	33.99	ng/ul	0.00
31) 4-Chloroaniline-d4	10.728	131	124070	34.28	ng/ul	0.00
46) Dimethylphthalate-d6	13.863	166	397985	36.46	ng/ul	0.00
49) Acenaphthylene-d8	14.140	160	469184	37.64	ng/ul	0.00
54) 4-Nitrophenol-d4	14.640	143	55476	33.26	ng/ul	0.00
60) Fluorene-d10	15.445	176	350283	36.30	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	73477	31.73	ng/ul	0.00
73) Anthracene-d10	17.304	188	581943	36.25	ng/ul	0.00
81) Pyrene-d10	19.539	212	715330	36.09	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.463	264	666669	37.11	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	1267	1.35	ng/uL#	78
5) Pyridine	3.717	79	10519	4.30	ng/ul#	67
6) Benzaldehyde	6.940	77	8426	5.24	ng/ul	92
8) Phenol	6.987	94	14642	4.25	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.228	93	11679	4.46	ng/ul	99
12) 2-Chlorophenol	7.364	128	10732	4.16	ng/ul	98
13) 2-Methylphenol	8.240	108	10252	3.78	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.334	45	11622	4.40	ng/ul	97
16) Acetophenone	8.622	105	17942	3.91	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.611	70	9665	3.97	ng/ul	97
18) 4-Methylphenol	8.569	108	10874	3.72	ng/ul	100
19) Hexachloroethane	8.881	117	5004	3.78	ng/ul	96
22) Nitrobenzene	8.999	77	15424	4.21	ng/ul#	91
23) Isophorone	9.528	82	24939	3.74	ng/ul	98
25) 2-Nitrophenol	9.710	139	6860	4.39	ng/ul	94
26) 2,4-Dimethylphenol	9.769	107	13743	3.95	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.016	93	14389	4.22	ng/ul#	95
29) 2,4-Dichlorophenol	10.240	162	12960	4.05	ng/ul#	85
30) Naphthalene	10.646	128	35325	4.15	ng/ul#	94
32) 4-Chloroaniline	10.757	127	14009	3.96	ng/ul	94
33) Hexachlorobutadiene	10.934	225	12362	4.38	ng/ul	98
34) Caprolactam	11.552	113	2847m	3.24	ng/ul	
35) 4-Chloro-3-methylphenol	11.881	107	12428	3.95	ng/ul	93
36) 2-Methylnaphthalene	12.263	142	28258	4.16	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.487	142	27594	4.24	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.628	216	21422	4.17	ng/ul	97
40)	Hexachlorocyclopentadiene	12.610	237	18479	4.69	ng/ul	94
41)	2,4,6-Trichlorophenol	12.869	196	12444	3.92	ng/ul	99
42)	2,4,5-Trichlorophenol	12.940	196	13640m	4.10	ng/ul	
43)	1,1'-Biphenyl	13.281	154	41929	4.19	ng/ul	100
44)	2-Chloronaphthalene	13.316	162	34173	4.12	ng/ul	96
45)	2-Nitroaniline	13.516	65	8061	3.54	ng/ul	98
47)	Dimethylphthalate	13.904	163	44806	4.10	ng/ul#	98
48)	2,6-Dinitrotoluene	14.022	165	7574	3.41	ng/ul#	98
50)	Acenaphthylene	14.169	152	47614	4.03	ng/ul	98
51)	3-Nitroaniline	14.346	138	6179	4.20	ng/ul	82
52)	Acenaphthene	14.510	153	33552	3.98	ng/ul	87
53)	2,4-Dinitrophenol	14.551	184	6165m	4.09	ng/ul	
55)	4-Nitrophenol	14.651	109	7759	3.73	ng/ul#	75
56)	Dibenzofuran	14.845	168	52587	4.12	ng/ul	98
57)	2,4-Dinitrotoluene	14.804	165	11122	3.56	ng/ul	98
58)	2,3,4,6-Tetrachlorophenol	15.075	232	12749	3.84	ng/ul	95
59)	Diethylphthalate	15.281	149	41521	3.91	ng/ul	93
61)	Fluorene	15.498	166	44109	4.10	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.498	204	26000	4.10	ng/ul	94
63)	4-Nitroaniline	15.510	138	6185	4.27	ng/ul	90
66)	4,6-Dinitro-2-methylph...	15.569	198	9453	3.89	ng/ul#	84
67)	N-Nitrosodiphenylamine	15.710	169	36493	3.80	ng/ul	98
68)	4-Bromophenyl-phenylether	16.398	248	17573	3.93	ng/ul	97
69)	Hexachlorobenzene	16.504	284	20252	4.05	ng/ul	94
70)	Atrazine	16.669	200	15740	3.56	ng/ul	96
71)	Pentachlorophenol	16.851	266	10958	3.41	ng/ul	94
72)	Phenanthrene	17.245	178	74760	4.05	ng/ul	98
74)	Anthracene	17.334	178	76607	4.05	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.240	216	21781	4.15	ng/uL	96
76)	Pentachlorobenzene	14.763	250	22520	3.91	ng/uL	100
77)	Carbazole	17.604	167	61925	3.96	ng/ul	97
78)	Di-n-butylphthalate	18.175	149	67463	3.61	ng/ul	98
80)	Fluoranthene	19.210	202	96031	3.80	ng/ul	98
82)	Pyrene	19.563	202	102263	4.01	ng/ul	98
83)	Butylbenzylphthalate	20.445	149	29033	3.47	ng/ul	93
84)	3,3'-Dichlorobenzidine	21.204	252	28745	3.29	ng/ul	98
85)	Benzo(a)anthracene	21.269	228	99104	4.16	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.210	149	42986	3.57	ng/ul	97
87)	Chrysene	21.322	228	94908	4.18	ng/ul	98
89)	Di-n-octyl phthalate	22.110	149	68161	3.75	ng/ul	100
90)	Benzo(b)fluoranthene	22.904	252	97183	4.48	ng/ul	98
91)	Benzo(k)fluoranthene	22.951	252	92245	4.33	ng/ul	98
93)	Benzo(a)pyrene	23.504	252	87415	4.44	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	25.998	276	107644	4.21	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.015	278	91525	4.20	ng/ul	100
96)	Benzo(g,h,i)perylene	26.727	276	89838	4.25	ng/ul	98

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

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