Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081621\
Data File : BP006682.D
Acq On : 16 Aug 2021 13:55
Operator : CG/JU
Sample : M2250-04
Misc : SFAM-MDL-SOIL-02
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT3-2021-06

Quant Time: Aug 16 13:38:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 16 11:01:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	161580	20.000	ng/ul	0.00
20) Naphthalene-d8	10.487	136	681188	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	398497	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	813264	20.000	ng/ul	0.00
79) Chrysene-d12	21.216	240	797796	20.000	ng/ul	0.00
88) Perylene-d12	23.533	264	830644	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	24555	5.140	ng/uL	0.00
4) Pyridine-d5	3.622	84	240325	17.500	ng/ul	0.00
7) Phenol-d5	6.881	99	356245	21.931	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.052	67	237371	23.778	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	283453	23.430	ng/ul	0.00
15) 4-Methylphenol-d8	8.416	113	269708	20.784	ng/ul	0.00
21) Nitrobenzene-d5	8.863	128	137617	23.800	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	138539	22.897	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	232897	22.783	ng/ul	0.00
31) 4-Chloroaniline-d4	10.634	131	364787	21.955	ng/ul	0.00
46) Dimethylphthalate-d6	13.769	166	756147	24.743	ng/ul	0.00
49) Acenaphthylene-d8	14.040	160	931350	24.846	ng/ul	0.00
54) 4-Nitrophenol-d4	14.563	143	138567	21.707	ng/ul	0.00
60) Fluorene-d10	15.345	176	624208	25.114	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	102307	19.032	ng/ul	0.00
73) Anthracene-d10	17.204	188	946542	24.599	ng/ul	0.00
81) Pyrene-d10	19.457	212	1026951	24.512	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.380	264	1138964	25.427	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	6186	1.274	ng/uL#	89
5) Pyridine	3.646	79	61901	4.354	ng/ul#	78
6) Benzaldehyde	6.858	77	48861	6.118	ng/ul	97
8) Phenol	6.910	94	70397	4.244	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.140	93	55789	4.363	ng/ul	97
12) 2-Chlorophenol	7.269	128	54564	4.473	ng/ul	98
13) 2-Methylphenol	8.152	108	48501	3.974	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.234	45	64857	4.341	ng/ul	99
16) Acetophenone	8.528	105	88811	4.347	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.516	70	46588	4.240	ng/ul	98
18) 4-Methylphenol	8.481	108	52936	3.989	ng/ul	93
19) Hexachloroethane	8.769	117	25237	4.754	ng/ul	93
22) Nitrobenzene	8.904	77	71522	4.725	ng/ul	99
23) Isophorone	9.434	82	123534	4.376	ng/ul	99
25) 2-Nitrophenol	9.610	139	27877	4.368	ng/ul	94
26) 2,4-Dimethylphenol	9.681	107	60083	4.383	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.922	93	73375	4.484	ng/ul	97
29) 2,4-Dichlorophenol	10.140	162	44251	4.462	ng/ul	96
30) Naphthalene	10.540	128	172792	4.674	ng/ul	100
32) 4-Chloroaniline	10.657	127	72525	4.448	ng/ul	99
33) Hexachlorobutadiene	10.822	225	28126	4.810	ng/ul	97
34) Caprolactam	11.469	113	14585	3.673	ng/ul	91
35) 4-Chloro-3-methylphenol	11.793	107	52897	4.170	ng/ul	99
36) 2-Methylnaphthalene	12.157	142	114176	4.494	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.375	142	112300	4.442	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.528	216	50330	4.687	ng/ul	98
40) Hexachlorocyclopentadiene	12.504	237	26784	3.802	ng/ul	98
41) 2,4,6-Trichlorophenol	12.775	196	30929	4.194	ng/ul	99
42) 2,4,5-Trichlorophenol	12.845	196	34178	4.353	ng/ul	89
43) 1,1'-Biphenyl	13.181	154	143600	4.635	ng/ul	98
44) 2-Chloronaphthalene	13.222	162	108831	4.630	ng/ul	97
45) 2-Nitroaniline	13.434	65	31247	3.687	ng/ul	94
47) Dimethylphthalate	13.816	163	141102	4.668	ng/ul	98
48) 2,6-Dinitrotoluene	13.940	165	20574	3.526	ng/ul	91
50) Acenaphthylene	14.069	152	176516	4.817	ng/ul	99
51) 3-Nitroaniline	14.269	138	25143	3.763	ng/ul	94
52) Acenaphthene	14.416	153	122729	4.697	ng/ul	98
53) 2,4-Dinitrophenol	14.475	184	15693	4.159	ng/ul	97
55) 4-Nitrophenol	14.575	109	26537	4.636	ng/ul	89
56) Dibenzofuran	14.751	168	166068	4.753	ng/ul	99
57) 2,4-Dinitrotoluene	14.728	165	34072	3.970	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	14.981	232	27724	4.253	ng/ul	97
59) Diethylphthalate	15.192	149	144756	4.505	ng/ul	99
61) Fluorene	15.404	166	139053	4.773	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.404	204	61814	4.687	ng/ul	98
63) 4-Nitroaniline	15.434	138	25439	4.066	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.492	198	19849	3.694	ng/ul#	91
67) N-Nitrosodiphenylamine	15.622	169	115586	4.627	ng/ul	99
68) 4-Bromophenyl-phenylether	16.304	248	35675	4.448	ng/ul	95
69) Hexachlorobenzene	16.404	284	42765	4.718	ng/ul	96
70) Atrazine	16.586	200	33533	3.784	ng/ul	96
71) Pentachlorophenol	16.757	266	21381	3.601	ng/ul	98
72) Phenanthrene	17.151	178	216702	4.717	ng/ul	98
74) Anthracene	17.239	178	219337	4.701	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.140	216	48684	4.402	ng/uL	97
76) Pentachlorobenzene	14.669	250	47957	4.401	ng/uL	99
77) Carbazole	17.522	167	193974	4.451	ng/ul	99
78) Di-n-butylphthalate	18.086	149	224047	3.977	ng/ul	99
80) Fluoranthene	19.127	202	232320	4.412	ng/ul	99
82) Pyrene	19.480	202	249752	4.592	ng/ul	99
83) Butylbenzylphthalate	20.374	149	95930	3.568	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.139	252	81064	4.453	ng/ul	99
85) Benzo(a)anthracene	21.198	228	238884	4.597	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.139	149	151770	3.663	ng/ul	98
87) Chrysene	21.251	228	232694	4.644	ng/ul	99
89) Di-n-octyl phthalate	22.045	149	257126	3.581	ng/ul	100
90) Benzo(b)fluoranthene	22.827	252	246390	4.566	ng/ul	99
91) Benzo(k)fluoranthene	22.874	252	236760	4.532	ng/ul	98
93) Benzo(a)pyrene	23.427	252	220093	4.503	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.915	276	286644	4.485	ng/ul	98
95) Dibenzo(a,h)anthracene	25.939	278	242232	4.512	ng/ul	99
96) Benzo(g,h,i)perylene	26.651	276	235818	4.444	ng/ul	98

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

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