Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081822\
Data File : BM036347.D
Acq On : 18 Aug 2022 15:52
Operator : CG/JU
Sample : N3670-03
Misc : MDL-SOIL-4ppm
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 18 16:23:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 16 15:00:33 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2022-03

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/19/2022
Supervised By :Sohil Jodhani 08/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	259586	20.000	ng/ul	0.00
20) Naphthalene-d8	10.598	136	1123321	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	644969	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	1262288	20.000	ng/ul	0.00
79) Chrysene-d12	21.368	240	1196854	20.000	ng/ul	0.00
88) Perylene-d12	23.697	264	1250305	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	24516	3.599	ng/uL	0.00
4) Pyridine-d5	3.634	84	303615	16.164	ng/ul	0.00
7) Phenol-d5	6.975	99	405723	18.311	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.134	67	266670	19.120	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	339699	19.512	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	315431	19.066	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	164075	19.265	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.686	143	167880	19.433	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	288954	18.719	ng/ul	0.00
31) 4-Chloroaniline-d4	10.745	131	441758	18.460	ng/ul	-0.01
46) Dimethylphthalate-d6	13.857	166	819629	20.087	ng/ul	-0.01
49) Acenaphthylene-d8	14.133	160	1094184	21.500	ng/ul	0.00
54) 4-Nitrophenol-d4	14.668	143	126828	16.404	ng/ul	-0.01
60) Fluorene-d10	15.433	176	719857	19.524	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.562	200	97159	14.972	ng/ul	0.00
73) Anthracene-d10	17.280	188	1084916	19.330	ng/ul	0.00
81) Pyrene-d10	19.574	212	1195896	19.262	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.544	264	1183098	19.300	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	8057	1.123	ng/uL#	86
5) Pyridine	3.657	79	76261	3.930	ng/ul	93
6) Benzaldehyde	6.945	77	52404m	5.758	ng/ul	
8) Phenol	7.004	94	94234	4.090	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.228	93	77308	4.196	ng/ul	98
12) 2-Chlorophenol	7.357	128	76994	4.229	ng/ul	97
13) 2-Methylphenol	8.257	108	68766	4.049	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.339	45	106619	4.325	ng/ul	95
16) Acetophenone	8.628	105	111841	4.203	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.610	70	54890	4.144	ng/ul	98
18) 4-Methylphenol	8.586	108	76274	4.196	ng/ul	94
19) Hexachloroethane	8.869	117	32455	4.261	ng/ul#	87
22) Nitrobenzene	9.010	77	86335	4.278	ng/ul	95
23) Isophorone	9.533	82	146634	4.092	ng/ul	97
25) 2-Nitrophenol	9.722	139	39025	4.055	ng/ul	98
26) 2,4-Dimethylphenol	9.786	107	78476	4.077	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.022	93	96486	4.136	ng/ul	99
29) 2,4-Dichlorophenol	10.257	162	65541	4.150	ng/ul	97
30) Naphthalene	10.645	128	254267	4.313	ng/ul	99
32) 4-Chloroaniline	10.769	127	99208	4.076	ng/ul	99
33) Hexachlorobutadiene	10.922	225	41162	4.149	ng/ul	97
34) Caprolactam	11.569	113	18942m	4.003	ng/ul	
35) 4-Chloro-3-methylphenol	11.910	107	63369	3.968	ng/ul	98
36) 2-Methylnaphthalene	12.263	142	155136	4.194	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.480	142	161720	4.341	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.627	216	74203	4.162	ng/ul	98
40) Hexachlorocyclopentadiene	12.598	237	52419	4.956	ng/ul	97
41) 2,4,6-Trichlorophenol	12.886	196	42122	3.755	ng/ul	96
42) 2,4,5-Trichlorophenol	12.963	196	45328	3.809	ng/ul	98
43) 1,1'-Biphenyl	13.274	154	202328	4.171	ng/ul	98
44) 2-Chloronaphthalene	13.316	162	154297	4.145	ng/ul	98
45) 2-Nitroaniline	13.539	65	36136	3.585	ng/ul	90
47) Dimethylphthalate	13.904	163	180323	4.293	ng/ul	99
48) 2,6-Dinitrotoluene	14.033	165	28770	3.630	ng/ul#	80
50) Acenaphthylene	14.163	152	255686	4.260	ng/ul	99
51) 3-Nitroaniline	14.368	138	29386	3.391	ng/ul	99
52) Acenaphthene	14.504	153	166252	4.250	ng/ul	98
53) 2,4-Dinitrophenol	14.580	184	17647	4.086	ng/ul	91
55) 4-Nitrophenol	14.680	109	30082	4.924	ng/ul	87
56) Dibenzofuran	14.839	168	232620	4.286	ng/ul	99
57) 2,4-Dinitrotoluene	14.821	165	44333	3.945	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.074	232	35758	3.958	ng/ul#	91
59) Diethylphthalate	15.268	149	175422	4.237	ng/ul	97
61) Fluorene	15.486	166	184091	4.276	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	85361	4.245	ng/ul	98
63) 4-Nitroaniline	15.533	138	31208m	3.860	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.580	198	26706	4.070	ng/ul#	73
67) N-Nitrosodiphenylamine	15.704	169	148682	4.120	ng/ul	97
68) 4-Bromophenyl-phenylether	16.380	248	47542	4.068	ng/ul	99
69) Hexachlorobenzene	16.486	284	57402	4.053	ng/ul	98
70) Atrazine	16.657	200	60779	4.929	ng/ul	96
71) Pentachlorophenol	16.845	266	44401	5.686	ng/ul	97
72) Phenanthrene	17.227	178	277927	4.188	ng/ul	97
74) Anthracene	17.315	178	281760	4.235	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.239	216	76279	4.027	ng/uL	98
76) Pentachlorobenzene	14.757	250	81307	4.598	ng/uL	98
77) Carbazole	17.598	167	245271	3.938	ng/ul	97
78) Di-n-butylphthalate	18.156	149	263672	3.870	ng/ul	99
80) Fluoranthene	19.245	202	293672	3.914	ng/ul	98
82) Pyrene	19.603	202	324020	4.138	ng/ul	98
83) Butylbenzylphthalate	20.509	149	108394	3.700	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.297	252	92923	3.770	ng/ul	99
85) Benzo(a)anthracene	21.356	228	297977	4.143	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.286	149	157022	3.882	ng/ul	99
87) Chrysene	21.403	228	295602	4.183	ng/ul	98
89) Di-n-octyl phthalate	22.186	149	270553	3.640	ng/ul	100
90) Benzo(b)fluoranthene	22.986	252	308490	4.047	ng/ul	98
91) Benzo(k)fluoranthene	23.033	252	300551	4.144	ng/ul	97
93) Benzo(a)pyrene	23.591	252	314723	4.197	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.109	276	360923	4.093	ng/ul	95
95) Dibenzo(a,h)anthracene	26.126	278	306830	4.040	ng/ul	97
96) Benzo(g,h,i)perylene	26.850	276	304728	4.041	ng/ul	96

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

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