Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030222\
Data File : BM034117.D
Acq On : 02 Mar 2022 14:39
Operator : CG/JU
Sample : N1331-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2022-02

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/02/2022
Supervised By :mohammad ahmed 03/07/2022

Quant Time: Mar 02 15:09:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022822.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 01 03:48:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.995	152	123336	20.000	ng/ul	0.00
20) Naphthalene-d8	10.813	136	452466	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.636	164	302095	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.371	188	618940	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.542	240	630461	20.000	ng/ul	# 0.00
88) Perylene-d12	23.994	264	699442	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	13926	5.206	ng/uL	0.00
4) Pyridine-d5	3.796	84	158291	22.520	ng/ul	0.00
7) Phenol-d5	7.148	99	199356	22.632	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.319	67	114894	23.495	ng/ul	0.00
11) 2-Chlorophenol-d4	7.525	132	183316	24.140	ng/ul	0.00
15) 4-Methylphenol-d8	8.695	113	166590	22.219	ng/ul	0.00
21) Nitrobenzene-d5	9.160	128	85459	25.005	ng/ul	0.00
24) 2-Nitrophenol-d4	9.883	143	92594	23.835	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.425	165	187512	23.851	ng/ul	0.00
31) 4-Chloroaniline-d4	10.936	131	231690	23.368	ng/ul	0.00
46) Dimethylphthalate-d6	14.036	166	559874	24.495	ng/ul	0.00
49) Acenaphthylene-d8	14.324	160	684232	24.579	ng/ul	0.00
54) 4-Nitrophenol-d4	14.807	143	81606	20.844	ng/ul	0.00
60) Fluorene-d10	15.624	176	481968	24.396	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.730	200	81797	20.243	ng/ul	0.00
73) Anthracene-d10	17.471	188	733125	24.495	ng/ul	0.00
81) Pyrene-d10	19.759	212	827386	24.345	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.836	264	878187	24.637	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.413	88	3059	1.165	ng/uL#	61
5) Pyridine	3.819	79	29899	4.168	ng/ul	88
6) Benzaldehyde	7.125	77	23354	4.669	ng/ul#	75
8) Phenol	7.172	94	33815	3.932	ng/ul	88
10) Bis(2-Chloroethyl)ether	7.413	93	28848	4.259	ng/ul#	81
12) 2-Chlorophenol	7.554	128	31849	4.226	ng/ul#	82
13) 2-Methylphenol	8.437	108	25368	3.754	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.531	45	31239	4.226	ng/ul#	89
16) Acetophenone	8.819	105	45463	3.899	ng/ul#	87
17) N-Nitroso-di-n-propyla...	8.807	70	21228	3.991	ng/ul#	85
18) 4-Methylphenol	8.760	108	27916	3.809	ng/ul	94
19) Hexachloroethane	9.089	117	13746	4.355	ng/ul#	67
22) Nitrobenzene	9.201	77	34838	4.752	ng/ul#	89
23) Isophorone	9.731	82	55282	4.090	ng/ul#	90
25) 2-Nitrophenol	9.913	139	16923	4.219	ng/ul#	82
26) 2,4-Dimethylphenol	9.978	107	34405	4.283	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.213	93	35145	4.289	ng/ul#	95
29) 2,4-Dichlorophenol	10.454	162	32695	4.330	ng/ul#	91
30) Naphthalene	10.860	128	100097	4.414	ng/ul	99
32) 4-Chloroaniline	10.966	127	40513	4.133	ng/ul	98
33) Hexachlorobutadiene	11.160	225	26311	4.537	ng/ul	93
34) Caprolactam	11.736	113	8181m	3.990	ng/ul	
35) 4-Chloro-3-methylphenol	12.083	107	26353	3.727	ng/ul#	69
36) 2-Methylnaphthalene	12.472	142	69064	4.173	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.689	142	64135	3.822	ng/ul	97
39)	1,2,4,5-Tetrachloroben...	12.836	216	45671	4.551	ng/ul#	96
40)	Hexachlorocyclopentadiene	12.824	237	28632	4.183	ng/ul	98
41)	2,4,6-Trichlorophenol	13.072	196	24109	3.933	ng/ul#	95
42)	2,4,5-Trichlorophenol	13.136	196	27131	4.024	ng/ul	95
43)	1,1'-Biphenyl	13.472	154	98803	4.437	ng/ul#	97
44)	2-Chloronaphthalene	13.513	162	78038	4.511	ng/ul	95
45)	2-Nitroaniline	13.707	65	13964	3.585	ng/ul#	59
47)	Dimethylphthalate	14.083	163	96962	4.382	ng/ul	98
48)	2,6-Dinitrotoluene	14.195	165	16178	3.736	ng/ul	88
50)	Acenaphthylene	14.354	152	119672	4.377	ng/ul	99
51)	3-Nitroaniline	14.524	138	14705	3.491	ng/ul#	78
52)	Acenaphthene	14.695	153	78623	4.333	ng/ul	97
53)	2,4-Dinitrophenol	14.724	184	13731	4.780	ng/ul#	74
55)	4-Nitrophenol	14.818	109	15006	4.211	ng/ul#	80
56)	Dibenzofuran	15.030	168	115747	4.344	ng/ul	94
57)	2,4-Dinitrotoluene	14.983	165	23393	3.718	ng/ul#	73
58)	2,3,4,6-Tetrachlorophenol	15.254	232	22229	3.810	ng/ul#	80
59)	Diethylphthalate	15.448	149	92354	4.181	ng/ul	97
61)	Fluorene	15.677	166	94021	4.231	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.671	204	51397	4.324	ng/ul	88
63)	4-Nitroaniline	15.677	138	15234m	3.535	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.742	198	14850	3.760	ng/ul#	98
67)	N-Nitrosodiphenylamine	15.877	169	78080	4.345	ng/ul	98
68)	4-Bromophenyl-phenylether	16.565	248	28320	4.194	ng/ul#	88
69)	Hexachlorobenzene	16.683	284	37889	4.626	ng/ul#	88
70)	Atrazine	16.824	200	31499	4.271	ng/ul	96
71)	Pentachlorophenol	17.018	266	24517	4.597	ng/ul	100
72)	Phenanthrene	17.412	178	143256	4.267	ng/ul	97
74)	Anthracene	17.507	178	148565	4.370	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.436	216	41947	4.293	ng/uL	97
76)	Pentachlorobenzene	14.954	250	45357	4.693	ng/uL	95
77)	Carbazole	17.771	167	116635	3.936	ng/ul	99
78)	Di-n-butylphthalate	18.342	149	126914	3.674	ng/ul	98
80)	Fluoranthene	19.424	202	161730	4.119	ng/ul#	89
82)	Pyrene	19.783	202	176677	4.355	ng/ul#	88
83)	Butylbenzylphthalate	20.683	149	48307	3.377	ng/ul#	70
84)	3,3'-Dichlorobenzidine	21.453	252	51542	3.857	ng/ul	99
85)	Benzo(a)anthracene	21.524	228	167704	4.352	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.459	149	71593	3.246	ng/ul#	97
87)	Chrysene	21.583	228	169543	4.480	ng/ul	98
89)	Di-n-octyl phthalate	22.400	149	118851	2.761	ng/ul	100
90)	Benzo(b)fluoranthene	23.241	252	177118	3.993	ng/ul#	97
91)	Benzo(k)fluoranthene	23.288	252	173935	4.166	ng/ul#	97
93)	Benzo(a)pyrene	23.883	252	185728	4.374	ng/ul#	97
94)	Indeno(1,2,3-cd)pyrene	26.547	276	226514	4.793	ng/ul	96
95)	Dibenzo(a,h)anthracene	26.571	278	198697	4.857	ng/ul	97
96)	Benzo(g,h,i)perylene	27.329	276	195263	4.892	ng/ul#	94

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

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