Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012621\
Data File : BM028543.D
Acq On : 26 Jan 2021 14:02
Operator : CG/JU
Sample : L5214-06
Misc : SFAM-MDL-ME-02
ALS Vial : 8 Sample Multiplier: 1

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

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1/27/2021 1:16:16 PM

Quant Time: Jan 26 14:37:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM011921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 25 12:52:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	27842	20.00	ng/ul	0.00
20) Naphthalene-d8	10.804	136	110500	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.633	164	63706	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.363	188	127439	20.00	ng/ul	0.00
79) Chrysene-d12	21.492	240	121042	20.00	ng/ul	-0.01
88) Perylene-d12	23.762	264	116930	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	2326	3.51	ng/uL	0.00
4) Pyridine-d5	3.716	84	34995	18.45	ng/ul	0.00
7) Phenol-d5	7.146	99	82994	35.58	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.316	67	51433	34.89	ng/ul	0.00
11) 2-Chlorophenol-d4	7.516	132	71777	36.01	ng/ul	0.00
15) 4-Methylphenol-d8	8.704	113	69735	36.79	ng/ul	0.00
21) Nitrobenzene-d5	9.163	128	34019	37.64	ng/ul	0.00
24) 2-Nitrophenol-d4	9.887	143	37186	38.20	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	65174	35.63	ng/ul	0.00
31) 4-Chloroaniline-d4	10.939	131	90380	36.95	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	186371	36.49	ng/ul	0.00
49) Acenaphthylene-d8	14.327	160	240813	38.72	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	33477	37.35	ng/ul	0.00
60) Fluorene-d10	15.621	176	154717	36.01	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	28192	34.43	ng/ul	0.00
73) Anthracene-d10	17.457	188	230035	36.31	ng/ul	0.00
81) Pyrene-d10	19.733	212	246978	35.92	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.621	264	229825	35.78	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	841	1.18	ng/uL#	89
5) Pyridine	3.746	79	7581	3.99	ng/ul#	80
6) Benzaldehyde	7.122	77	4924	5.27	ng/ul	99
8) Phenol	7.175	94	9628	4.08	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.410	93	8044	4.09	ng/ul	100
12) 2-Chlorophenol	7.546	128	8369	4.14	ng/ul	98
13) 2-Methylphenol	8.434	108	7021	3.90	ng/ul	83
14) 2,2'-oxybis(1-Chloropr...	8.528	45	12578m	3.74	ng/ul	
16) Acetophenone	8.822	105	11652	4.01	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.804	70	5644	3.93	ng/ul#	92
18) 4-Methylphenol	8.769	108	7687	3.99	ng/ul	99
19) Hexachloroethane	9.075	117	3414	3.83	ng/ul	95
22) Nitrobenzene	9.204	77	9094	4.09	ng/ul	97
23) Isophorone	9.734	82	15147	3.91	ng/ul	99
25) 2-Nitrophenol	9.916	139	4615	4.38	ng/ul	97
26) 2,4-Dimethylphenol	9.975	107	8301	4.00	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.210	93	10184	4.04	ng/ul	95
29) 2,4-Dichlorophenol	10.451	162	7522	4.25	ng/ul	96
30) Naphthalene	10.851	128	26134	4.14	ng/ul	99
32) 4-Chloroaniline	10.963	127	10012	4.21	ng/ul	96
33) Hexachlorobutadiene	11.128	225	4724	3.94	ng/ul	97
34) Caprolactam	11.751	113	1847m	3.55	ng/ul	
35) 4-Chloro-3-methylphenol	12.081	107	7342	4.06	ng/ul	92
36) 2-Methylnaphthalene	12.463	142	17952	4.22	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.681	142	17588	4.30	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.828	216	8884	4.06	ng/ul	94
40) Hexachlorocyclopentadiene	12.798	237	3897	3.46	ng/ul	95
41) 2,4,6-Trichlorophenol	13.069	196	5427	3.97	ng/ul	99
42) 2,4,5-Trichlorophenol	13.139	196	5776	3.93	ng/ul	96
43) 1,1'-Biphenyl	13.469	154	22621	4.06	ng/ul	100
44) 2-Chloronaphthalene	13.510	162	17665	4.07	ng/ul	98
45) 2-Nitroaniline	13.716	65	4284	3.57	ng/ul	96
47) Dimethylphthalate	14.086	163	21587	4.13	ng/ul	98
48) 2,6-Dinitrotoluene	14.210	165	3656	3.54	ng/ul	94
50) Acenaphthylene	14.357	152	25992	4.09	ng/ul	99
51) 3-Nitroaniline	14.539	138	3465	3.69	ng/ul	91
52) Acenaphthene	14.698	153	18692	4.08	ng/ul	97
53) 2,4-Dinitrophenol	14.757	184	1915	3.39	ng/ul	94
55) 4-Nitrophenol	14.839	109	2828	3.95	ng/ul	94
56) Dibenzofuran	15.027	168	26067	4.24	ng/ul	99
57) 2,4-Dinitrotoluene	14.998	165	5491	3.95	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.257	232	4722	3.95	ng/ul#	93
59) Diethylphthalate	15.439	149	21124	3.93	ng/ul	98
61) Fluorene	15.674	166	21282	4.16	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.663	204	10585	4.15	ng/ul	92
63) 4-Nitroaniline	15.692	138	3349	4.09	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.757	198	3383	3.85	ng/ul#	79
67) N-Nitrosodiphenylamine	15.880	169	17442	4.07	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	6031	3.89	ng/ul	97
69) Hexachlorobenzene	16.668	284	7306	4.16	ng/ul	97
70) Atrazine	16.816	200	6028	3.80	ng/ul	97
71) Pentachlorophenol	17.016	266	3267	3.29	ng/ul	99
72) Phenanthrene	17.404	178	32516	4.17	ng/ul	99
74) Anthracene	17.492	178	33123	4.18	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.433	216	8765	4.01	ng/uL	96
76) Pentachlorobenzene	14.945	250	8539	3.99	ng/uL	97
77) Carbazole	17.763	167	28062	4.18	ng/ul	99
78) Di-n-butylphthalate	18.310	149	33723	3.64	ng/ul	100
80) Fluoranthene	19.398	202	35492	3.90	ng/ul	99
82) Pyrene	19.757	202	37966	4.07	ng/ul	98
83) Butylbenzylphthalate	20.639	149	15280	3.61	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.409	252	11863	4.76	ng/ul	95
85) Benzo(a)anthracene	21.480	228	34802	4.21	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	23420	3.57	ng/ul	99
87) Chrysene	21.527	228	34318	4.26	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	39295	3.57	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	35497	4.43	ng/ul	96
91) Benzo(k)fluoranthene	23.121	252	32804	4.20	ng/ul	98
93) Benzo(a)pyrene	23.668	252	31588	4.36	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.068	276	36971	4.32	ng/ul	98
95) Dibenzo(a,h)anthracene	26.074	278	31750	4.36	ng/ul	98
96) Benzo(g,h,i)perylene	26.774	276	31616	4.38	ng/ul	99

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

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