

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP030921\
 Data File : BP004956.D
 Acq On : 09 Mar 2021 23:14
 Operator : CG/JU
 Sample : M1534-20
 Misc : SOM-MDL-MES-06
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-ME-SOIL-06

Manual Integrations
 APPROVED

mohammad
 3/10/2021 11:54:44 AM

Quant Time: Mar 10 01:36:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030921MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 09 23:59:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	26972	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	106239	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	74074	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	168806	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	188893	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	197446	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	3637	5.04	ng/uL	0.00
5) Phenol-d5	6.90	99	72763	34.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	43343	38.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	59541	35.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	58372	32.71	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	28304	36.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	32366	36.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	58236	34.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	75435	40.79	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	195064	35.78	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	233904	35.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	29775m	31.79	ng/ul	0.00
58) Fluorene-d10	15.38	176	170811	36.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	33959	31.37	ng/ul	0.00
71) Anthracene-d10	17.24	188	274180	36.24	ng/ul	0.00
79) Pyrene-d10	19.48	212	318742	36.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	377043	37.34	ng/ul	-0.01

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.26	88	675m	0.963	ng/uL
4) Benzaldehyde	6.88	77	5483	4.997	ng/ul
6) Phenol	6.93	94	7254	3.211	ng/ul
8) Bis(2-Chloroethyl)ether	7.16	93	5789	3.473	ng/ul
10) 2-Chlorophenol	7.30	128	6083	3.518	ng/ul
11) 2-Methylphenol	8.18	108	4907	2.857	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.26	45	6870m	3.863	ng/ul
14) Acetophenone	8.56	105	9994	3.367	ng/ul
15) N-Nitroso-di-n-propylamine	8.54	70	4864	3.445	ng/ul#
16) 4-Methylphenol	8.50	108	5938	3.132	ng/ul
17) Hexachloroethane	8.80	117	3071	3.819	ng/ul
20) Nitrobenzene	8.93	77	8014	3.812	ng/ul
21) Isophorone	9.46	82	12400	3.455	ng/ul
23) 2-Nitrophenol	9.64	139	3657	3.905	ng/ul
24) 2,4-Dimethylphenol	9.71	107	7576	3.503	ng/ul
25) Bis(2-Chloroethoxy)methane	9.94	93	7652	3.523	ng/ul
27) 2,4-Dichlorophenol	10.17	162	5530	3.317	ng/ul#
28) Naphthalene	10.57	128	19982	3.632	ng/ul
30) 4-Chloroaniline	10.69	127	8047	4.179	ng/ul
31) Hexachlorobutadiene	10.86	225	5032	3.903	ng/ul#
32) Caprolactam	11.50	113	1669m	3.068	ng/ul
33) 4-Chloro-3-methylphenol	11.82	107	6137	3.164	ng/ul
34) 2-Methylnaphthalene	12.19	142	13881	3.488	ng/ul

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35) 1-Methylnaphthalene	12.41	142	13544	3.459	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	8627	3.496	ng/ul	89
38) Hexachlorocyclopentadiene	12.54	237	4701	2.936	ng/ul#	97
39) 2,4,6-Trichlorophenol	12.81	196	4358	2.964	ng/ul	86
40) 2,4,5-Trichlorophenol	12.89	196	4102	2.568	ng/ul	96
41) 1,1'-Biphenyl	13.21	154	18825	3.454	ng/ul	98
42) 2-Chloronaphthalene	13.25	162	14336	3.356	ng/ul	94
43) 2-Nitroaniline	13.47	65	3586	2.890	ng/ul	85
45) Dimethylphthalate	13.85	163	20115	3.603	ng/ul	97
46) 2,6-Dinitrotoluene	13.96	165	3370	3.011	ng/ul#	94
48) Acenaphthylene	14.10	152	21853	3.476	ng/ul	96
49) 3-Nitroaniline	14.30	138	2944	2.977	ng/ul	97
50) Acenaphthene	14.45	153	16294	3.526	ng/ul	95
51) 2,4-Dinitrophenol	14.50	184	1555	2.102	ng/ul	99
53) 4-Nitrophenol	14.60	109	3329	3.180	ng/ul#	65
54) Dibenzofuran	14.79	168	21922	3.255	ng/ul	97
55) 2,4-Dinitrotoluene	14.75	165	5111	3.149	ng/ul#	70
56) 2,3,4,6-Tetrachlorophenol	15.02	232	4588	3.025	ng/ul#	92
57) Diethylphthalate	15.22	149	19371	3.393	ng/ul	97
59) Fluorene	15.43	166	18804	3.342	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.43	204	10372	3.353	ng/ul#	79
61) 4-Nitroaniline	15.46	138	3204	2.776	ng/ul#	85
64) 4,6-Dinitro-2-methylphenol	15.52	198	3602	3.275	ng/ul#	80
65) N-Nitrosodiphenylamine	15.65	169	15869	3.343	ng/ul	97
66) 4-Bromophenyl-phenylether	16.33	248	6434	3.453	ng/ul	93
67) Hexachlorobenzene	16.44	284	7211	3.428	ng/ul	95
68) Atrazine	16.61	200	5542	2.906	ng/ul#	90
69) Pentachlorophenol	16.79	266	3070	2.307	ng/ul	91
70) Phenanthrene	17.18	178	31796	3.537	ng/ul	97
72) Anthracene	17.27	178	31774	3.445	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	8523	3.479	ng/uL	88
74) Pentachlorobenzene	14.70	250	8868	3.562	ng/uL#	84
75) Carbazole	17.55	167	25197	3.174	ng/ul	98
76) Di-n-butylphthalate	18.10	149	27902	3.011	ng/ul	98
77) Fluoranthene	19.16	202	35272	3.213	ng/ul	98
80) Pvrene	19.51	202	40760	3.606	ng/ul#	97
81) Butylbenzylphthalate	20.39	149	11454	2.795	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.15	252	11060	2.851	ng/ul#	94
83) Benzo(a)anthracene	21.22	228	40709	3.560	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.14	149	17372	2.824	ng/ul	98
85) Chrysene	21.26	228	40883	3.648	ng/ul	98
87) Di-n-octyl phthalate	22.03	149	30007	2.569	ng/ul	100
88) Benzo(b)fluoranthene	22.82	252	42397	3.419	ng/ul	98
89) Benzo(k)fluoranthene	22.87	252	41229	3.370	ng/ul	99
91) Benzo(a)pyrene	23.42	252	36622	3.364	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.85	276	46235	3.324	ng/ul	93
93) Dibenzo(a,h)anthracene	25.87	278	40009	3.400	ng/ul	99
94) Benzo(a,h,i)perylene	26.57	276	39509	3.430	ng/ul	99

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

