

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030322\
 Data File : BP009255.D
 Acq On : 03 Mar 2022 11:43
 Operator : CG/JU
 Sample : N1331-03
 Misc : SFAM-MDL-SOIL01
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT1-2022-01

Quant Time: Mar 03 12:17:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 02 18:15:01 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay

03/03/2022
 Supervised By :mohammad
 ahmed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	399394	20.000	ng/u1	0.00
20) Naphthalene-d8	10.622	136	1674161	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.463	164	1034497	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.222	188	1964375	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.327	240	1592129	20.000	ng/u1	#-0.01
88) Perylene-d12	23.739	264	1579376	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	52840	5.317	ng/uL	0.00
4) Pyridine-d5	3.722	84	588970	23.754	ng/u1	0.00
7) Phenol-d5	6.987	99	804692	24.871	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	495241	25.506	ng/u1	0.00
11) 2-Chlorophenol-d4	7.357	132	643452	25.438	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	643107	26.003	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	270897	27.746	ng/u1	0.00
24) 2-Nitrophenol-d4	9.698	143	270065	29.184	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	608438	24.676	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.751	131	896278	25.706	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	1860617	25.664	ng/u1	-0.01
49) Acenaphthylene-d8	14.151	160	2399136	25.045	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.645	143	250188	21.790	ng/u1	-0.01
60) Fluorene-d10	15.463	176	1606499	25.466	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	165844	20.800	ng/u1	-0.01
73) Anthracene-d10	17.322	188	2297071	24.881	ng/u1	-0.01
81) Pyrene-d10	19.563	212	2365502	27.029	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.580	264	1995095	24.976	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	11094	1.116	ng/uL#	71
5) Pyridine	3.740	79	108084	4.108	ng/u1#	30
6) Benzaldehyde	6.963	77	93625m	4.919	ng/u1	
8) Phenol	7.016	94	146203	4.489	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.252	93	119186	4.585	ng/u1#	85
12) 2-Chlorophenol	7.387	128	115432	4.509	ng/u1	87
13) 2-Methylphenol	8.263	108	102879	4.234	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.357	45	150955	4.829	ng/u1#	90
16) Acetophenone	8.640	105	178648	4.728	ng/u1#	84
17) N-Nitroso-di-n-propyla...	8.634	70	86887	4.615	ng/u1#	84
18) 4-Methylphenol	8.587	108	118817	4.652	ng/u1	96
19) Hexachloroethane	8.904	117	45688	4.371	ng/u1#	76
22) Nitrobenzene	9.016	77	126998	4.995	ng/u1#	84
23) Isophorone	9.546	82	243208	4.326	ng/u1#	95
25) 2-Nitrophenol	9.728	139	55368	5.114	ng/u1#	74
26) 2,4-Dimethylphenol	9.793	107	127149	4.350	ng/u1#	71
27) Bis(2-Chloroethoxy)met...	10.034	93	154361	4.491	ng/u1#	96
29) 2,4-Dichlorophenol	10.263	162	110918	4.569	ng/u1#	78
30) Naphthalene	10.669	128	388679	4.570	ng/u1	97
32) 4-Chloroaniline	10.775	127	162628	4.713	ng/u1	98
33) Hexachlorobutadiene	10.969	225	77771	4.421	ng/u1	94
34) Caprolactam	11.545	113	30309	4.326	ng/u1#	44
35) 4-Chloro-3-methylphenol	11.898	107	104938	4.270	ng/u1#	66
36) 2-Methylnaphthalene	12.281	142	266828	4.681	ng/u1	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.504	142	247350	4.340	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.657	216	142542	4.333	ng/ul#	94
40) Hexachlorocyclopentadiene	12.645	237	72141	3.491	ng/ul	95
41) 2,4,6-Trichlorophenol	12.892	196	75228	3.949	ng/ul#	78
42) 2,4,5-Trichlorophenol	12.957	196	85396	4.237	ng/ul#	87
43) 1,1'-Biphenyl	13.298	154	361104	4.573	ng/ul#	92
44) 2-Chloronaphthalene	13.334	162	271464	4.521	ng/ul	93
45) 2-Nitroaniline	13.528	65	42287	4.006	ng/ul#	86
47) Dimethylphthalate	13.922	163	325231	4.635	ng/ul#	92
48) 2,6-Dinitrotoluene	14.034	165	36072	3.762	ng/ul	98
50) Acenaphthylene	14.181	152	441935	4.653	ng/ul	95
51) 3-Nitroaniline	14.357	138	41445	3.423	ng/ul#	83
52) Acenaphthene	14.528	153	285992	4.634	ng/ul	98
53) 2,4-Dinitrophenol	14.563	184	26337	4.493	ng/ul#	86
55) 4-Nitrophenol	14.663	109	37276	4.108	ng/ul#	37
56) Dibenzofuran	14.863	168	409734	4.693	ng/ul	99
57) 2,4-Dinitrotoluene	14.822	165	58155	4.221	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.086	232	64416	4.087	ng/ul#	85
59) Diethylphthalate	15.292	149	298986	4.403	ng/ul	92
61) Fluorene	15.516	166	325497	4.756	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.516	204	165223	4.757	ng/ul	98
63) 4-Nitroaniline	15.522	138	40257	3.431	ng/ul#	73
66) 4,6-Dinitro-2-methylph...	15.586	198	33937	4.048	ng/ul#	85
67) N-Nitrosodiphenylamine	15.728	169	264391	4.599	ng/ul	97
68) 4-Bromophenyl-phenylether	16.410	248	89959	4.390	ng/ul	94
69) Hexachlorobenzene	16.528	284	106440	4.524	ng/ul#	88
70) Atrazine	16.686	200	87815	4.285	ng/ul	92
71) Pentachlorophenol	16.869	266	62769	4.519	ng/ul#	87
72) Phenanthrene	17.263	178	482448	4.607	ng/ul	97
74) Anthracene	17.357	178	476871	4.561	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.257	216	135650	4.098	ng/uL#	88
76) Pentachlorobenzene	14.786	250	135053	4.580	ng/uL	91
77) Carbazole	17.622	167	387529	4.164	ng/ul#	96
78) Di-n-butylphthalate	18.198	149	379604	3.680	ng/ul#	93
80) Fluoranthene	19.239	202	487611	4.835	ng/ul	97
82) Pyrene	19.592	202	516525	5.010	ng/ul	97
83) Butylbenzylphthalate	20.486	149	118429m	3.558	ng/ul	
84) 3,3'-Dichlorobenzidine	21.245	252	116461	3.471	ng/ul#	94
85) Benzo(a)anthracene	21.316	228	443756	4.409	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.257	149	183059	3.460	ng/ul#	80
87) Chrysene	21.363	228	439639	4.508	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	265586m	3.106	ng/ul	
90) Benzo(b)fluoranthene	23.004	252	427966	4.299	ng/ul	98
91) Benzo(k)fluoranthene	23.051	252	402610	4.463	ng/ul#	95
93) Benzo(a)pyrene	23.627	252	422098	4.425	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.239	276	475928	4.214	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.262	278	415742	4.360	ng/ul#	91
96) Benzo(g,h,i)perylene	26.998	276	411659	4.256	ng/ul#	89

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

