

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082222\
 Data File : BP011529.D
 Acq On : 22 Aug 2022 12:49
 Operator : CG/JU
 Sample : N3670-03
 Misc : MDL-SOIL-4ppm
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Aug 22 14:03:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 17 01:58:37 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/24/2022
 Supervised By :Sohil Jodhani 08/24/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	61953	20.000	ng/u1	0.00
20) Naphthalene-d8	10.340	136	259260	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.222	164	152929	20.000	ng/u1	-0.01
64) Phenanthrene-d10	16.998	188	311114	20.000	ng/u1	0.00
79) Chrysene-d12	21.127	240	302579	20.000	ng/u1	0.00
88) Perylene-d12	23.415	264	311822	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.069	96	9810	4.914	ng/uL	0.00
4) Pyridine-d5	3.475	84	104482	20.441	ng/u1	0.00
7) Phenol-d5	6.734	99	127091	22.323	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	6.899	67	86165	23.295	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.081	132	107100	25.577	ng/u1	-0.01
15) 4-Methylphenol-d8	8.269	113	105547	23.162	ng/u1	-0.01
21) Nitrobenzene-d5	8.716	128	50114	26.849	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.434	143	51739	27.237	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	90601	25.839	ng/u1	0.00
31) 4-Chloroaniline-d4	10.492	131	140079	23.999	ng/u1	0.00
46) Dimethylphthalate-d6	13.651	166	293751	27.158	ng/u1	0.00
49) Acenaphthylene-d8	13.916	160	358683	29.836	ng/u1	0.00
54) 4-Nitrophenol-d4	14.457	143	44954	21.571	ng/u1	0.00
60) Fluorene-d10	15.228	176	238662	26.227	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.363	200	36878	21.937	ng/u1	0.00
73) Anthracene-d10	17.092	188	371602	26.969	ng/u1	-0.01
81) Pyrene-d10	19.357	212	420249	27.451	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.268	264	402451	26.533	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.105	88	2484	1.193	ng/uL#	89
5) Pyridine	3.499	79	22013	4.315	ng/u1#	61
6) Benzaldehyde	6.710	77	16147	6.180	ng/u1	96
8) Phenol	6.763	94	23826	4.072	ng/u1#	87
10) Bis(2-Chloroethyl)ether	6.993	93	19217	4.211	ng/u1	99
12) 2-Chlorophenol	7.116	128	20475	4.544	ng/u1	92
13) 2-Methylphenol	8.004	108	16334	3.790	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.093	45	30827	4.560	ng/u1	98
16) Acetophenone	8.381	105	31607	4.170	ng/u1#	87
17) N-Nitroso-di-n-propyla...	8.369	70	15572	4.130	ng/u1	94
18) 4-Methylphenol	8.334	108	18764	3.932	ng/u1	94
19) Hexachloroethane	8.610	117	8990	4.399	ng/u1	88
22) Nitrobenzene	8.757	77	26290	4.997	ng/u1	98
23) Isophorone	9.287	82	41837	4.530	ng/u1	98
25) 2-Nitrophenol	9.463	139	10438	4.816	ng/u1#	87
26) 2,4-Dimethylphenol	9.534	107	23888	4.642	ng/u1	91
27) Bis(2-Chloroethoxy)met...	9.775	93	25425	4.555	ng/u1	94
29) 2,4-Dichlorophenol	9.993	162	16122	4.493	ng/u1	87
30) Naphthalene	10.387	128	63720	4.655	ng/u1	97
32) 4-Chloroaniline	10.516	127	26201	4.333	ng/u1	97
33) Hexachlorobutadiene	10.669	225	11517	5.041	ng/u1	90
34) Caprolactam	11.328	113	6147m	4.724	ng/u1	
35) 4-Chloro-3-methylphenol	11.657	107	18988	4.185	ng/u1	98
36) 2-Methylnaphthalene	12.016	142	40835	4.585	ng/u1	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082222\
 Data File : BP011529.D
 Acq On : 22 Aug 2022 12:49
 Operator : CG/JU
 Sample : N3670-03
 Misc : MDL-SOIL-4ppm
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Aug 22 14:03:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 17 01:58:37 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/24/2022
 Supervised By :Sohil Jodhani 08/24/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.239	142	43079	4.769	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.387	216	19180	4.941	ng/ul	97
40) Hexachlorocyclopentadiene	12.363	237	13117	5.447	ng/ul#	99
41) 2,4,6-Trichlorophenol	12.645	196	11129	4.455	ng/ul#	89
42) 2,4,5-Trichlorophenol	12.716	196	12595	4.529	ng/ul	97
43) 1,1'-Biphenyl	13.051	154	54643	4.795	ng/ul	97
44) 2-Chloronaphthalene	13.086	162	41603	4.845	ng/ul	99
45) 2-Nitroaniline	13.316	65	11177	3.814	ng/ul	96
47) Dimethylphthalate	13.692	163	53409	4.778	ng/ul	99
48) 2,6-Dinitrotoluene	13.816	165	8356	4.157	ng/ul	85
50) Acenaphthylene	13.945	152	68860	4.822	ng/ul	97
51) 3-Nitroaniline	14.151	138	7738	3.535	ng/ul#	96
52) Acenaphthene	14.286	153	45285	4.734	ng/ul	98
53) 2,4-Dinitrophenol	14.369	184	6570	5.341	ng/ul	91
55) 4-Nitrophenol	14.469	109	11955	4.815	ng/ul	92
56) Dibenzofuran	14.628	168	63478	4.812	ng/ul	98
57) 2,4-Dinitrotoluene	14.616	165	12673	4.212	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.863	232	10076	4.615	ng/ul	92
59) Diethylphthalate	15.075	149	57695	4.712	ng/ul	99
61) Fluorene	15.280	166	51172	4.742	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.286	204	23745	4.871	ng/ul	93
63) 4-Nitroaniline	15.322	138	9382m	4.437	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.380	198	8619	4.956	ng/ul#	85
67) N-Nitrosodiphenylamine	15.504	169	43752	4.793	ng/ul	97
68) 4-Bromophenyl-phenylether	16.186	248	13490	4.857	ng/ul	93
69) Hexachlorobenzene	16.286	284	16236	5.073	ng/ul	96
70) Atrazine	16.475	200	16824	4.939	ng/ul	95
71) Pentachlorophenol	16.645	266	10265	5.172	ng/ul	100
72) Phenanthrene	17.039	178	80713	4.793	ng/ul	98
74) Anthracene	17.127	178	81016	4.769	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.004	216	20299	5.076	ng/uL	95
76) Pentachlorobenzene	14.539	250	21417	5.644	ng/uL	98
77) Carbazole	17.416	167	69674	4.360	ng/ul	99
78) Di-n-butylphthalate	17.986	149	88201	4.482	ng/ul	99
80) Fluoranthene	19.033	202	88435	4.697	ng/ul	97
82) Pyrene	19.386	202	95884	4.847	ng/ul	97
83) Butylbenzylphthalate	20.286	149	37061	4.176	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.057	252	25021	4.368	ng/ul	98
85) Benzo(a)anthracene	21.110	228	88469	4.799	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.051	149	57533	4.381	ng/ul	100
87) Chrysene	21.163	228	86968	4.802	ng/ul	100
89) Di-n-octyl phthalate	21.945	149	97903	3.906	ng/ul	100
90) Benzo(b)fluoranthene	22.715	252	88208	4.548	ng/ul	98
91) Benzo(k)fluoranthene	22.762	252	86366	4.666	ng/ul	98
93) Benzo(a)pyrene	23.315	252	89169	4.709	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.768	276	99711	4.721	ng/ul	96
95) Dibenzo(a,h)anthracene	25.786	278	83189	4.574	ng/ul	95
96) Benzo(g,h,i)perylene	26.492	276	84949	4.728	ng/ul	97

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

