

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090622\
 Data File : BN021600.D
 Acq On : 06 Sep 2022 14:22
 Operator : CG/JU
 Sample : N3670-03
 Misc : MDL-SOIL-4ppm
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Sep 06 15:04:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 06 14:13:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	238373	20.000	ng/u1	0.00
20) Naphthalene-d8	10.898	136	1087661	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.722	164	703474	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	1386316	20.000	ng/u1	0.00
79) Chrysene-d12	21.657	240	1237869	20.000	ng/u1	# 0.00
88) Perylene-d12	24.174	264	1061641	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	25667	4.043	ng/uL	0.00
4) Pyridine-d5	3.793	84	347852	20.103	ng/u1	0.00
7) Phenol-d5	7.210	99	450577	20.841	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	292711	22.367	ng/u1	0.00
11) 2-Chlorophenol-d4	7.587	132	352589	22.416	ng/u1	0.00
15) 4-Methylphenol-d8	8.775	113	366533	21.607	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	182037	24.565	ng/u1	0.00
24) 2-Nitrophenol-d4	9.969	143	187484	28.326	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.510	165	334690	22.832	ng/u1	0.00
31) 4-Chloroaniline-d4	11.034	131	527065	21.172	ng/u1	0.00
46) Dimethylphthalate-d6	14.128	166	1084867	22.563	ng/u1	0.00
49) Acenaphthylene-d8	14.416	160	1313462	23.432	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	185774	19.416	ng/u1	0.00
60) Fluorene-d10	15.710	176	886831	21.197	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	136495	24.616	ng/u1	0.00
73) Anthracene-d10	17.569	188	1317666	21.568	ng/u1	0.00
81) Pyrene-d10	19.863	212	1495712	25.408	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.010	264	1172561	23.302	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.399	88	7562	1.157	ng/uL	92
5) Pyridine	3.816	79	80759	4.638	ng/u1	90
6) Benzaldehyde	7.193	77	57686	6.141	ng/u1	94
8) Phenol	7.240	94	99158	4.438	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.481	93	83701	4.699	ng/u1	93
12) 2-Chlorophenol	7.622	128	76770	4.549	ng/u1	99
13) 2-Methylphenol	8.510	108	71737	4.226	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.593	45	111611	4.967	ng/u1	98
16) Acetophenone	8.899	105	126429	4.712	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.881	70	62151	4.652	ng/u1	92
18) 4-Methylphenol	8.840	108	83106	4.457	ng/u1	95
19) Hexachloroethane	9.157	117	30349	4.512	ng/u1	92
22) Nitrobenzene	9.281	77	93428	5.116	ng/u1	97
23) Isophorone	9.810	82	169469	4.507	ng/u1	99
25) 2-Nitrophenol	10.004	139	43146	5.565	ng/u1	92
26) 2,4-Dimethylphenol	10.057	107	88744	4.622	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.299	93	116274	4.938	ng/u1	96
29) 2,4-Dichlorophenol	10.534	162	74017	4.819	ng/u1	95
30) Naphthalene	10.946	128	268638	4.743	ng/u1	100
32) 4-Chloroaniline	11.057	127	114624	4.443	ng/u1	99
33) Hexachlorobutadiene	11.228	225	41465	4.686	ng/u1	93
34) Caprolactam	11.834	113	27560	4.691	ng/u1	83
35) 4-Chloro-3-methylphenol	12.175	107	80247	4.636	ng/u1	98
36) 2-Methylnaphthalene	12.551	142	187526	4.895	ng/u1	97

09/06/2022
 Supervised By :mohammad
 Ahmed

09/07/2022

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.769	142	192179	4.991	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.916	216	86581	4.800	ng/ul	97
40) Hexachlorocyclopentadiene	12.892	237	47778	4.449	ng/ul	94
41) 2,4,6-Trichlorophenol	13.157	196	53186	4.752	ng/ul	97
42) 2,4,5-Trichlorophenol	13.228	196	58552	4.768	ng/ul	96
43) 1,1'-Biphenyl	13.557	154	253401	4.929	ng/ul	98
44) 2-Chloronaphthalene	13.598	162	189938	4.826	ng/ul	97
45) 2-Nitroaniline	13.804	65	44801	4.538	ng/ul	94
47) Dimethylphthalate	14.169	163	232845	4.734	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	37544	4.450	ng/ul	95
50) Acenaphthylene	14.445	152	308996	4.775	ng/ul	100
51) 3-Nitroaniline	14.628	138	41173	4.380	ng/ul#	95
52) Acenaphthene	14.787	153	200504	4.795	ng/ul	99
53) 2,4-Dinitrophenol	14.828	184	17653	4.274	ng/ul	95
55) 4-Nitrophenol	14.922	109	32447	4.230	ng/ul	84
56) Dibenzofuran	15.116	168	285243	4.748	ng/ul	99
57) 2,4-Dinitrotoluene	15.081	165	56610	4.620	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.339	232	44638	4.736	ng/ul	98
59) Diethylphthalate	15.528	149	224008	4.516	ng/ul	99
61) Fluorene	15.769	166	224660	4.742	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.757	204	104785	4.798	ng/ul	99
63) 4-Nitroaniline	15.786	138	40339	4.276	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.839	198	35445	6.034	ng/ul#	88
67) N-Nitrosodiphenylamine	15.975	169	188291	4.846	ng/ul	97
68) 4-Bromophenyl-phenylether	16.657	248	62141	5.040	ng/ul	93
69) Hexachlorobenzene	16.769	284	75859	5.169	ng/ul	95
70) Atrazine	16.922	200	65518	4.765	ng/ul	98
71) Pentachlorophenol	17.116	266	39571	4.843	ng/ul	94
72) Phenanthrene	17.510	178	352978	4.820	ng/ul	98
74) Anthracene	17.604	178	354402	4.861	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.522	216	89182	5.054	ng/ul	99
76) Pentachlorobenzene	15.034	250	95239	5.666	ng/ul	94
77) Carbazole	17.875	167	318071	4.616	ng/ul	96
78) Di-n-butylphthalate	18.433	149	360793	4.644	ng/ul	100
80) Fluoranthene	19.527	202	391243	5.510	ng/ul#	94
82) Pyrene	19.892	202	419493	5.668	ng/ul#	94
83) Butylbenzylphthalate	20.780	149	137747	4.918	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.574	252	75598	3.203	ng/ul#	95
85) Benzo(a)anthracene	21.639	228	345516	4.636	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.557	149	193549	4.513	ng/ul	98
87) Chrysene	21.698	228	344861	4.779	ng/ul	98
89) Di-n-octyl phthalate	22.515	149	310911	5.000	ng/ul	100
90) Benzo(b)fluoranthene	23.398	252	308454	4.776	ng/ul#	96
91) Benzo(k)fluoranthene	23.451	252	312478	5.408	ng/ul	98
93) Benzo(a)pyrene	24.062	252	300501	4.863	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	26.827	276	274709m	3.621	ng/ul	
95) Dibenzo(a,h)anthracene	26.839	278	232904	3.638	ng/ul	95
96) Benzo(g,h,i)perylene	27.639	276	227588	3.438	ng/ul#	94

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

