

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110122\
 Data File : BM037308.D
 Acq On : 01 Nov 2022 14:26
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV039

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/02/2022
 Supervised By :mohammad ahmed 11/04/2022

Quant Time: Nov 02 03:35:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 02 03:33:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	303611	20.000	ng/u1	0.00
20) Naphthalene-d8	10.657	136	1424944	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.492	164	939606	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.233	188	1988202	20.000	ng/u1	0.00
79) Chrysene-d12	21.403	240	2068442	20.000	ng/u1	0.00
88) Perylene-d12	23.756	264	1749052	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	49033	7.119	ng/uL	0.00
4) Pyridine-d5	3.699	84	356973	17.363	ng/u1	0.00
7) Phenol-d5	7.028	99	468154	17.718	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	328613	20.267	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	382740	18.959	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	402327	18.647	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	205769	19.332	ng/u1	0.00
24) 2-Nitrophenol-d4	9.745	143	226214	19.510	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.286	165	421303	19.709	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	611469	18.719	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	1317417	20.278	ng/u1	0.00
49) Acenaphthylene-d8	14.186	160	1572108	20.128	ng/u1	0.00
54) 4-Nitrophenol-d4	14.710	143	242396	18.666	ng/u1	0.00
60) Fluorene-d10	15.486	176	1142605	19.722	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	224796	17.851	ng/u1	0.00
73) Anthracene-d10	17.333	188	1792360	19.574	ng/u1	0.00
81) Pyrene-d10	19.621	212	2062495	19.082	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.603	264	1752854	19.469	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	49163	6.794	ng/uL	99
5) Pyridine	3.716	79	331427	16.094	ng/u1	98
6) Benzaldehyde	7.004	77	308802	25.263	ng/u1	98
8) Phenol	7.057	94	474846	17.081	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.287	93	392508	17.599	ng/u1	99
12) 2-Chlorophenol	7.422	128	399019	18.266	ng/u1	99
13) 2-Methylphenol	8.310	108	373917	17.629	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.398	45	585288m	18.477	ng/u1	
16) Acetophenone	8.692	105	649281	18.764	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.675	70	335207	19.503	ng/u1	99
18) 4-Methylphenol	8.640	108	417362	17.864	ng/u1	99
19) Hexachloroethane	8.934	117	162469	18.740	ng/u1	98
22) Nitrobenzene	9.069	77	467371	18.192	ng/u1	98
23) Isophorone	9.598	82	910093	18.367	ng/u1	99
25) 2-Nitrophenol	9.781	139	247006	18.639	ng/u1	98
26) 2,4-Dimethylphenol	9.839	107	458123	18.385	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.081	93	582993	18.924	ng/u1	100
29) 2,4-Dichlorophenol	10.310	162	409099	18.597	ng/u1	100
30) Naphthalene	10.710	128	1397012	18.376	ng/u1	100
32) 4-Chloroaniline	10.828	127	618866	18.283	ng/u1	99
33) Hexachlorobutadiene	10.986	225	250893	18.520	ng/u1	99
34) Caprolactam	11.622	113	130106m	17.973	ng/u1	
35) 4-Chloro-3-methylphenol	11.951	107	432647	18.961	ng/u1	97
36) 2-Methylnaphthalene	12.322	142	988981	18.837	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.539	142	959094	18.154	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.686	216	512061	18.158	ng/u1	98
40) Hexachlorocyclopentadiene	12.657	237	279224	17.711	ng/u1	100
41) 2,4,6-Trichlorophenol	12.933	196	340048	18.680	ng/u1	98
42) 2,4,5-Trichlorophenol	13.004	196	366452	18.695	ng/u1	98
43) 1,1'-Biphenyl	13.327	154	1324927	18.972	ng/u1	100
44) 2-Chloronaphthalene	13.375	162	1031267	18.378	ng/u1	99
45) 2-Nitroaniline	13.586	65	286730	19.378	ng/u1	98
47) Dimethylphthalate	13.963	163	1306670	18.882	ng/u1	100
48) 2,6-Dinitrotoluene	14.080	165	282513	20.850	ng/u1	98
50) Acenaphthylene	14.216	152	1644838	19.267	ng/u1	100
51) 3-Nitroaniline	14.410	138	296715	20.293	ng/u1	95
52) Acenaphthene	14.557	153	1115948	18.371	ng/u1	99
53) 2,4-Dinitrophenol	14.621	184	147046	16.161	ng/u1	97
55) 4-Nitrophenol	14.721	109	172030	18.015	ng/u1	99
56) Dibenzofuran	14.892	168	1573030	19.178	ng/u1	99
57) 2,4-Dinitrotoluene	14.869	165	378875	19.084	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.121	232	315786	18.505	ng/u1	94
59) Diethylphthalate	15.316	149	1297005	18.818	ng/u1	99
61) Fluorene	15.539	166	1313875	18.938	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.533	204	635609	18.642	ng/u1	99
63) 4-Nitroaniline	15.574	138	309919m	22.798	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.627	198	226543	16.934	ng/u1	98
67) N-Nitrosodiphenylamine	15.751	169	1105870	18.764	ng/u1	99
68) 4-Bromophenyl-phenylether	16.427	248	384020	18.156	ng/u1	100
69) Hexachlorobenzene	16.533	284	468706	18.158	ng/u1	99
70) Atrazine	16.704	200	360815	17.293	ng/u1	99
71) Pentachlorophenol	16.886	266	266568	16.875	ng/u1	97
72) Phenanthrene	17.274	178	2040182	18.352	ng/u1	100
74) Anthracene	17.368	178	2071960	18.524	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.292	216	487580	16.923	ng/uL	98
76) Pentachlorobenzene	14.810	250	501638	16.002	ng/uL	100
77) Carbazole	17.645	167	1890957	18.739	ng/u1	100
78) Di-n-butylphthalate	18.204	149	2215531	19.057	ng/u1	100
80) Fluoranthene	19.286	202	2366554	17.793	ng/u1	100
82) Pyrene	19.651	202	2534475	18.088	ng/u1	100
83) Butylbenzylphthalate	20.545	149	998219	18.342	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.327	252	919819	19.188	ng/u1	99
85) Benzo(a)anthracene	21.392	228	2479103	18.676	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.315	149	1447230	19.071	ng/u1	99
87) Chrysene	21.445	228	2323623	18.603	ng/u1	100
89) Di-n-octyl phthalate	22.221	149	2192451	17.229	ng/u1	100
90) Benzo(b)fluoranthene	23.039	252	2243072	18.435	ng/u1	100
91) Benzo(k)fluoranthene	23.086	252	2218103	18.619	ng/u1	99
93) Benzo(a)pyrene	23.650	252	1881648	18.491	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.185	276	1967168	18.063	ng/u1	99
95) Dibenzo(a,h)anthracene	26.203	278	1723494	17.598	ng/u1	98
96) Benzo(g,h,i)perylene	26.932	276	1617904	17.339	ng/u1	99

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

