

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081622\
 Data File : BM036301.D
 Acq On : 16 Aug 2022 15:32
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV018

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/17/2022
 Supervised By :Sohil Jodhani 08/18/2022

Quant Time: Aug 16 16:01:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 16 15:00:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	227319	20.000	ng/u1	0.00
20) Naphthalene-d8	10.604	136	967882	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	533424	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	949954	20.000	ng/u1	0.00
79) Chrysene-d12	21.374	240	820411	20.000	ng/u1	0.00
88) Perylene-d12	23.703	264	855093	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	38870	6.517	ng/uL	0.00
4) Pyridine-d5	3.640	84	280409	17.048	ng/u1	0.00
7) Phenol-d5	6.986	99	300119	15.467	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.139	67	224500	18.381	ng/u1	0.00
11) 2-Chlorophenol-d4	7.339	132	264052	17.320	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	244848	16.900	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	129226	17.610	ng/u1	0.00
24) 2-Nitrophenol-d4	9.692	143	129311	17.372	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.233	165	228802	17.203	ng/u1	0.00
31) 4-Chloroaniline-d4	10.757	131	353450	17.142	ng/u1	0.00
46) Dimethylphthalate-d6	13.868	166	595034	17.632	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	779747	18.526	ng/u1	0.00
54) 4-Nitrophenol-d4	14.674	143	90058	14.084	ng/u1	0.00
60) Fluorene-d10	15.439	176	519948	17.051	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.568	200	76156	15.593	ng/u1	0.00
73) Anthracene-d10	17.286	188	715910	16.949	ng/u1	0.00
81) Pyrene-d10	19.580	212	759275	17.841	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.550	264	706149	16.843	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	40696	6.478	ng/uL	94
5) Pyridine	3.657	79	255403	15.031	ng/u1	90
6) Benzaldehyde	6.951	77	220507	27.666	ng/u1	96
8) Phenol	7.016	94	328654	16.291	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.234	93	269420	16.697	ng/u1	99
12) 2-Chlorophenol	7.369	128	270431	16.963	ng/u1	99
13) 2-Methylphenol	8.263	108	242915	16.335	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.333	45	374004	17.325	ng/u1	98
16) Acetophenone	8.633	105	410742	17.627	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.622	70	197381	17.019	ng/u1	96
18) 4-Methylphenol	8.592	108	261017	16.397	ng/u1	97
19) Hexachloroethane	8.875	117	111064	16.652	ng/u1	91
22) Nitrobenzene	9.016	77	297744	17.124	ng/u1	99
23) Isophorone	9.539	82	523910	16.967	ng/u1	97
25) 2-Nitrophenol	9.727	139	143267	17.276	ng/u1	99
26) 2,4-Dimethylphenol	9.792	107	276773	16.688	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.027	93	339135	16.871	ng/u1	99
29) 2,4-Dichlorophenol	10.263	162	233259	17.142	ng/u1	97
30) Naphthalene	10.657	128	860204	16.933	ng/u1	100
32) 4-Chloroaniline	10.780	127	351555	16.763	ng/u1	100
33) Hexachlorobutadiene	10.933	225	149170	17.449	ng/u1	98
34) Caprolactam	11.574	113	59299	14.544	ng/u1	90
35) 4-Chloro-3-methylphenol	11.910	107	229361	16.670	ng/u1	97
36) 2-Methylnaphthalene	12.268	142	555578	17.431	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.486	142	533464	16.619	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.633	216	263551	17.875	ng/ul	97
40) Hexachlorocyclopentadiene	12.610	237	201241	23.007	ng/ul	97
41) 2,4,6-Trichlorophenol	12.886	196	161573	17.415	ng/ul	99
42) 2,4,5-Trichlorophenol	12.963	196	170085	17.284	ng/ul	97
43) 1,1'-Biphenyl	13.286	154	702274	17.505	ng/ul	98
44) 2-Chloronaphthalene	13.321	162	534699	17.368	ng/ul	99
45) 2-Nitroaniline	13.545	65	138269	16.586	ng/ul	97
47) Dimethylphthalate	13.915	163	587394	16.910	ng/ul	100
48) 2,6-Dinitrotoluene	14.039	165	121250	18.500	ng/ul	90
50) Acenaphthylene	14.168	152	836026	16.843	ng/ul	100
51) 3-Nitroaniline	14.368	138	131691	18.373	ng/ul	98
52) Acenaphthene	14.509	153	562297	17.381	ng/ul	99
53) 2,4-Dinitrophenol	14.580	184	61358	17.178	ng/ul	94
55) 4-Nitrophenol	14.692	109	71495	14.151	ng/ul	80
56) Dibenzofuran	14.845	168	763097	16.999	ng/ul	97
57) 2,4-Dinitrotoluene	14.821	165	156718	16.860	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.080	232	131362	17.581	ng/ul#	96
59) Diethylphthalate	15.274	149	558016	16.296	ng/ul	99
61) Fluorene	15.492	166	599766	16.845	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.492	204	281699	16.937	ng/ul	97
63) 4-Nitroaniline	15.533	138	129425m	19.357	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.586	198	72464	14.675	ng/ul	94
67) N-Nitrosodiphenylamine	15.709	169	486067	17.898	ng/ul	98
68) 4-Bromophenyl-phenylether	16.386	248	155461	17.674	ng/ul	99
69) Hexachlorobenzene	16.492	284	187085	17.551	ng/ul	99
70) Atrazine	16.662	200	143701	15.486	ng/ul	97
71) Pentachlorophenol	16.851	266	102012	17.359	ng/ul	99
72) Phenanthrene	17.233	178	848064	16.982	ng/ul	99
74) Anthracene	17.321	178	855841	17.094	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.245	216	254144	17.830	ng/uL	98
76) Pentachlorobenzene	14.762	250	239052	17.962	ng/uL	99
77) Carbazole	17.603	167	767416	16.371	ng/ul	99
78) Di-n-butylphthalate	18.162	149	801878	15.640	ng/ul	100
80) Fluoranthene	19.250	202	881142	17.132	ng/ul	98
82) Pyrene	19.609	202	926440	17.261	ng/ul	98
83) Butylbenzylphthalate	20.515	149	327347	16.302	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.297	252	328831	19.464	ng/ul	97
85) Benzo(a)anthracene	21.356	228	862701	17.498	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	448357	16.172	ng/ul#	97
87) Chrysene	21.409	228	811425	16.750	ng/ul	99
89) Di-n-octyl phthalate	22.191	149	742612	14.609	ng/ul	100
90) Benzo(b)fluoranthene	22.991	252	877322m	16.828	ng/ul	
91) Benzo(k)fluoranthene	23.038	252	860011	17.339	ng/ul	97
93) Benzo(a)pyrene	23.597	252	784572	15.297	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.115	276	1000935	16.599	ng/ul	93
95) Dibenzo(a,h)anthracene	26.132	278	882407	16.987	ng/ul	96
96) Benzo(g,h,i)perylene	26.862	276	871359	16.898	ng/ul	96

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

