

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110322\
 Data File : BM037343.D
 Acq On : 03 Nov 2022 13:00
 Operator : CG/JU
 Sample : N5301-31MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBWP7MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/04/2022
 Supervised By : Jagrut Upadhyay 11/07/2022

Quant Time: Nov 04 01:01:03 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	7.851	152	353362	20.000	ng/u1	0.00
20) Naphthalene-d8	10.651	136	1629660	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.486	164	1021633	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.227	188	2116598	20.000	ng/u1	0.00
79) Chrysene-d12	21.403	240	2075961	20.000	ng/u1	0.00
88) Perylene-d12	23.744	264	1748433	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	28709	3.581	ng/uL	0.00
4) Pyridine-d5	3.699	84	213476	8.921	ng/u1	0.00
7) Phenol-d5	7.022	99	192825	6.270	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	571253	30.272	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	563518	23.983	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	371935	14.811	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	407746	33.495	ng/u1	0.00
24) 2-Nitrophenol-d4	9.739	143	418943	31.594	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	725569	29.679	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	969122	25.940	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	2430153	34.403	ng/u1	0.00
49) Acenaphthylene-d8	14.180	160	2901876	34.171	ng/u1	0.00
54) 4-Nitrophenol-d4	14.704	143	96218	6.815	ng/u1	0.00
60) Fluorene-d10	15.480	176	2208916	35.067	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	435333	32.473	ng/u1	0.00
73) Anthracene-d10	17.327	188	3431600	35.203	ng/u1	0.00
81) Pyrene-d10	19.615	212	3973606	36.629	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.597	264	3303660	36.707	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	42559	5.053	ng/uL	98
5) Pyridine	3.716	79	229605	9.580	ng/u1	99
6) Benzaldehyde	6.998	77	518147m	36.421	ng/u1	
8) Phenol	7.051	94	202715	6.265	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.281	93	748053	28.818	ng/u1	99
12) 2-Chlorophenol	7.416	128	580533	22.834	ng/u1	99
13) 2-Methylphenol	8.304	108	414030	16.772	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.387	45	1067290	28.949	ng/u1	100
16) Acetophenone	8.687	105	1207071	29.972	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.669	70	609813	30.484	ng/u1	99
18) 4-Methylphenol	8.634	108	404483	14.875	ng/u1	100
19) Hexachloroethane	8.928	117	304246	30.153	ng/u1	99
22) Nitrobenzene	9.063	77	922464	31.396	ng/u1	99
23) Isophorone	9.592	82	1727714	30.488	ng/u1	100
25) 2-Nitrophenol	9.775	139	445760	29.412	ng/u1	99
26) 2,4-Dimethylphenol	9.834	107	641967	22.527	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.075	93	1093162	31.027	ng/u1	99
29) 2,4-Dichlorophenol	10.304	162	700624	27.849	ng/u1	99
30) Naphthalene	10.704	128	2626736	30.211	ng/u1	99
32) 4-Chloroaniline	10.828	127	899989	23.248	ng/u1	99
33) Hexachlorobutadiene	10.981	225	457499	29.528	ng/u1	99
34) Caprolactam	11.633	113	38965	4.707	ng/u1	99
35) 4-Chloro-3-methylphenol	11.951	107	662798	25.399	ng/u1	99
36) 2-Methylnaphthalene	12.316	142	1815742	30.239	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.533	142	1855658	30.712	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.680	216	951933	31.046	ng/u1	100
40) Hexachlorocyclopentadiene	12.651	237	427700	24.951	ng/u1	100
41) 2,4,6-Trichlorophenol	12.922	196	624652	31.558	ng/u1	97
42) 2,4,5-Trichlorophenol	12.998	196	685081	32.144	ng/u1	99
43) 1,1'-Biphenyl	13.327	154	2474070	32.583	ng/u1	99
44) 2-Chloronaphthalene	13.369	162	1950697	31.971	ng/u1	99
45) 2-Nitroaniline	13.586	65	572790	35.603	ng/u1	97
47) Dimethylphthalate	13.957	163	2490588	33.101	ng/u1	100
48) 2,6-Dinitrotoluene	14.080	165	529556	35.945	ng/u1	98
50) Acenaphthylene	14.210	152	3033198	32.678	ng/u1	99
51) 3-Nitroaniline	14.410	138	521812	32.822	ng/u1	98
52) Acenaphthene	14.551	153	2137616	32.365	ng/u1	100
53) 2,4-Dinitrophenol	14.616	184	290787	29.393	ng/u1	98
55) 4-Nitrophenol	14.722	109	71117	6.850	ng/u1	97
56) Dibenzofuran	14.886	168	2939773	32.964	ng/u1	99
57) 2,4-Dinitrotoluene	14.863	165	760413	35.226	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.116	232	597827	32.220	ng/u1	96
59) Diethylphthalate	15.316	149	2514114	33.547	ng/u1	100
61) Fluorene	15.533	166	2545366	33.742	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.527	204	1234642	33.304	ng/u1	100
63) 4-Nitroaniline	15.574	138	553975m	37.479	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.621	198	430190	30.207	ng/u1	96
67) N-Nitrosodiphenylamine	15.745	169	2081835	33.180	ng/u1	100
68) 4-Bromophenyl-phenylether	16.421	248	765377	33.991	ng/u1	98
69) Hexachlorobenzene	16.527	284	935781	34.053	ng/u1	99
70) Atrazine	16.704	200	624710	28.125	ng/u1	99
71) Pentachlorophenol	16.880	266	507361	30.170	ng/u1	97
72) Phenanthrene	17.268	178	4015320	33.928	ng/u1	100
74) Anthracene	17.363	178	3951864	33.188	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.286	216	999835	32.598	ng/uL	99
76) Pentachlorobenzene	14.804	250	1014371	30.395	ng/uL	99
77) Carbazole	17.639	167	3680442	34.261	ng/u1	99
78) Di-n-butylphthalate	18.198	149	4486955	36.254	ng/u1	100
80) Fluoranthene	19.280	202	4710314	35.286	ng/u1	99
82) Pyrene	19.645	202	4855961	34.530	ng/u1	98
83) Butylbenzylphthalate	20.539	149	2055676	37.636	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.321	252	1161922	24.150	ng/u1	98
85) Benzo(a)anthracene	21.386	228	4654647	34.938	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.309	149	3007295	39.486	ng/u1	100
87) Chrysene	21.439	228	4329009	34.533	ng/u1	98
89) Di-n-octyl phthalate	22.215	149	4693650	36.897	ng/u1	100
90) Benzo(b)fluoranthene	23.033	252	4323313	35.544	ng/u1	100
91) Benzo(k)fluoranthene	23.080	252	4148068	34.832	ng/u1	99
93) Benzo(a)pyrene	23.644	252	3532539	34.727	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.174	276	3927313	36.074	ng/u1	98
95) Dibenzo(a,h)anthracene	26.191	278	3374260	34.465	ng/u1	99
96) Benzo(g,h,i)perylene	26.921	276	3157936	33.855	ng/u1	99

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

