

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110322\
 Data File : BM037342.D
 Acq On : 03 Nov 2022 12:24
 Operator : CG/JU
 Sample : N5301-30MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBWP7MS

Manual Integrations
 APPROVED

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

Quant Time: Nov 04 01:00:19 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	407710	20.000	ng/u1	0.00
20) Naphthalene-d8	10.651	136	1836205	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.486	164	1127716	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.227	188	2266098	20.000	ng/u1	0.00
79) Chrysene-d12	21.398	240	1945749	20.000	ng/u1	0.00
88) Perylene-d12	23.745	264	1668444	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	33464	3.618	ng/uL	0.00
4) Pyridine-d5	3.699	84	247447	8.962	ng/u1	0.00
7) Phenol-d5	7.022	99	221927	6.255	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	661471	30.380	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	654368	24.138	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	425958	14.701	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	458832	33.452	ng/u1	0.00
24) 2-Nitrophenol-d4	9.740	143	468966	31.388	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	809359	29.382	ng/u1	0.00
31) 4-Chloroaniline-d4	10.798	131	1075141	25.541	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	2708308	34.734	ng/u1	0.00
49) Acenaphthylene-d8	14.180	160	3234925	34.509	ng/u1	0.00
54) 4-Nitrophenol-d4	14.704	143	104235	6.688	ng/u1	0.00
60) Fluorene-d10	15.480	176	2437694	35.058	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	465595	32.439	ng/u1	0.00
73) Anthracene-d10	17.327	188	3695437	35.409	ng/u1	0.00
81) Pyrene-d10	19.615	212	4050063	39.833	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.598	264	3098059	36.073	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	47530	4.891	ng/uL	95
5) Pyridine	3.716	79	268919	9.724	ng/u1	99
6) Benzaldehyde	6.999	77	598328m	36.450	ng/u1	
8) Phenol	7.052	94	233130	6.245	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.281	93	859386	28.694	ng/u1	99
12) 2-Chlorophenol	7.416	128	671788	22.901	ng/u1	99
13) 2-Methylphenol	8.304	108	476360	16.725	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.381	45	1231704	28.956	ng/u1	100
16) Acetophenone	8.687	105	1379904	29.696	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.669	70	700094	30.332	ng/u1	99
18) 4-Methylphenol	8.634	108	460597	14.681	ng/u1	99
19) Hexachloroethane	8.928	117	348320	29.919	ng/u1	100
22) Nitrobenzene	9.063	77	1043095	31.508	ng/u1	99
23) Isophorone	9.593	82	1954182	30.605	ng/u1	99
25) 2-Nitrophenol	9.775	139	500547	29.312	ng/u1	99
26) 2,4-Dimethylphenol	9.834	107	727877	22.669	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.075	93	1228207	30.939	ng/u1	99
29) 2,4-Dichlorophenol	10.304	162	780021	27.517	ng/u1	99
30) Naphthalene	10.704	128	2951203	30.124	ng/u1	100
32) 4-Chloroaniline	10.828	127	998762	22.897	ng/u1	99
33) Hexachlorobutadiene	10.981	225	510278	29.230	ng/u1	99
34) Caprolactam	11.634	113	43598	4.674	ng/u1	97
35) 4-Chloro-3-methylphenol	11.951	107	736755	25.057	ng/u1	99
36) 2-Methylnaphthalene	12.310	142	2041767	30.179	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.534	142	2071731	30.432	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.681	216	1056414	31.213	ng/u1	99
40) Hexachlorocyclopentadiene	12.651	237	483215	25.538	ng/u1	99
41) 2,4,6-Trichlorophenol	12.928	196	689036	31.536	ng/u1	99
42) 2,4,5-Trichlorophenol	12.998	196	743628	31.609	ng/u1	100
43) 1,1'-Biphenyl	13.328	154	2771347	33.065	ng/u1	99
44) 2-Chloronaphthalene	13.369	162	2172170	32.252	ng/u1	99
45) 2-Nitroaniline	13.586	65	633811	35.690	ng/u1	96
47) Dimethylphthalate	13.957	163	2765296	33.295	ng/u1	100
48) 2,6-Dinitrotoluene	14.080	165	584585	35.947	ng/u1	97
50) Acenaphthylene	14.210	152	3379195	32.981	ng/u1	99
51) 3-Nitroaniline	14.410	138	569331	32.442	ng/u1	98
52) Acenaphthene	14.551	153	2372117	32.537	ng/u1	100
53) 2,4-Dinitrophenol	14.616	184	314307	28.782	ng/u1	96
55) 4-Nitrophenol	14.722	109	76897	6.710	ng/u1	99
56) Dibenzofuran	14.886	168	3254594	33.061	ng/u1	99
57) 2,4-Dinitrotoluene	14.863	165	832081	34.920	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.116	232	656938	32.075	ng/u1	97
59) Diethylphthalate	15.310	149	2808288	33.948	ng/u1	99
61) Fluorene	15.533	166	2808931	33.733	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.527	204	1369462	33.465	ng/u1	100
63) 4-Nitroaniline	15.575	138	591330m	36.243	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.622	198	462835	30.355	ng/u1	96
67) N-Nitrosodiphenylamine	15.745	169	2307051	34.344	ng/u1	99
68) 4-Bromophenyl-phenylether	16.422	248	839034	34.804	ng/u1	99
69) Hexachlorobenzene	16.527	284	1013685	34.454	ng/u1	97
70) Atrazine	16.704	200	668190	28.098	ng/u1	99
71) Pentachlorophenol	16.880	266	544863	30.262	ng/u1	97
72) Phenanthrene	17.274	178	4320728	34.100	ng/u1	100
74) Anthracene	17.363	178	4282118	33.589	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.286	216	1108687	33.762	ng/uL	99
76) Pentachlorobenzene	14.804	250	1118042	31.291	ng/uL	100
77) Carbazole	17.639	167	3878161	33.720	ng/u1	100
78) Di-n-butylphthalate	18.198	149	4788556	36.139	ng/u1	99
80) Fluoranthene	19.280	202	4855990	38.812	ng/u1	100
82) Pyrene	19.645	202	4986888	37.834	ng/u1	99
83) Butylbenzylphthalate	20.539	149	1942582	37.945	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.321	252	1025374	22.738	ng/u1	99
85) Benzo(a)anthracene	21.386	228	4305052	34.476	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.309	149	2710146	37.966	ng/u1	100
87) Chrysene	21.439	228	4019340	34.208	ng/u1	99
89) Di-n-octyl phthalate	22.215	149	4039450	33.277	ng/u1	100
90) Benzo(b)fluoranthene	23.033	252	3978643	34.278	ng/u1	100
91) Benzo(k)fluoranthene	23.080	252	3797984	33.421	ng/u1	100
93) Benzo(a)pyrene	23.645	252	3326572	34.270	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.174	276	4303320	41.423	ng/u1	98
95) Dibenzo(a,h)anthracene	26.191	278	3695052	39.551	ng/u1	99
96) Benzo(g,h,i)perylene	26.927	276	3533706	39.699	ng/u1	99

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

