

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031122\
 Data File : BM034216.D
 Acq On : 11 Mar 2022 11:22
 Operator : CG/JU
 Sample : N1816-08MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBSD4MS

Quant Time: Mar 11 23:39:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 11 02:00:05 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2022
 Supervised By :mohammad ahmed 03/14/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	136664	20.000	ng/u1	0.00
20) Naphthalene-d8	10.766	136	542436	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.589	164	351233	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.330	188	705664	20.000	ng/u1	0.00
79) Chrysene-d12	21.500	240	709692	20.000	ng/u1	0.00
88) Perylene-d12	23.924	264	766408	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	20037m	6.400	ng/uL	0.00
4) Pyridine-d5	3.743	84	225523	30.255	ng/u1	0.00
7) Phenol-d5	7.101	99	332531	36.360	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.272	67	197865	36.878	ng/u1	0.00
11) 2-Chlorophenol-d4	7.478	132	300299	37.994	ng/u1	0.00
15) 4-Methylphenol-d8	8.660	113	288642	36.902	ng/u1	0.00
21) Nitrobenzene-d5	9.113	128	147189	37.829	ng/u1	0.00
24) 2-Nitrophenol-d4	9.842	143	166291	38.542	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.378	165	330575	38.220	ng/u1	0.00
31) 4-Chloroaniline-d4	10.895	131	342127	31.806	ng/u1	0.00
46) Dimethylphthalate-d6	14.001	166	920893	36.034	ng/u1	0.00
49) Acenaphthylene-d8	14.283	160	1183692	36.467	ng/u1	0.00
54) 4-Nitrophenol-d4	14.772	143	137495	34.540	ng/u1	0.00
60) Fluorene-d10	15.583	176	818352	36.580	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.689	200	154422	34.587	ng/u1	0.00
73) Anthracene-d10	17.430	188	1231829	36.959	ng/u1	0.00
81) Pyrene-d10	19.718	212	1443163	37.353	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.765	264	1469500	38.864	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.360	88	40264	12.980	ng/uL	99
5) Pyridine	3.760	79	269041	34.828	ng/u1	98
6) Benzaldehyde	7.078	77	195507	41.075	ng/u1	99
8) Phenol	7.131	94	312385	34.617	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.366	93	258464	34.357	ng/u1	99
12) 2-Chlorophenol	7.513	128	285195	35.763	ng/u1	99
13) 2-Methylphenol	8.390	108	249227	34.513	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.484	45	238377	34.362	ng/u1	99
16) Acetophenone	8.778	105	414349	33.737	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.766	70	200807	34.748	ng/u1	98
18) 4-Methylphenol	8.725	108	268266	34.459	ng/u1	98
19) Hexachloroethane	9.042	117	123112	34.231	ng/u1	94
22) Nitrobenzene	9.154	77	295053	34.938	ng/u1	99
23) Isophorone	9.684	82	545161	34.155	ng/u1	97
25) 2-Nitrophenol	9.872	139	163459	36.998	ng/u1	99
26) 2,4-Dimethylphenol	9.931	107	315007	34.508	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.172	93	336395	34.260	ng/u1	99
29) 2,4-Dichlorophenol	10.407	162	291733	34.951	ng/u1	99
30) Naphthalene	10.813	128	910759	33.620	ng/u1	99
32) 4-Chloroaniline	10.919	127	309205	28.902	ng/u1	96
33) Hexachlorobutadiene	11.113	225	232416	33.699	ng/u1	98
34) Caprolactam	11.678	113	78197m	33.487	ng/u1	
35) 4-Chloro-3-methylphenol	12.042	107	274419	35.440	ng/u1	98
36) 2-Methylnaphthalene	12.425	142	630038	33.866	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.642	142	649523	34.182	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.795	216	403657	33.310	ng/ul	99
40) Hexachlorocyclopentadiene	12.778	237	264559	30.601	ng/ul	96
41) 2,4,6-Trichlorophenol	13.030	196	248850	35.046	ng/ul	97
42) 2,4,5-Trichlorophenol	13.095	196	266519	34.633	ng/ul	99
43) 1,1'-Biphenyl	13.430	154	877634	33.638	ng/ul	99
44) 2-Chloronaphthalene	13.472	162	684272	33.182	ng/ul	99
45) 2-Nitroaniline	13.666	65	151080	36.937	ng/ul	97
47) Dimethylphthalate	14.048	163	833485	33.406	ng/ul	99
48) 2,6-Dinitrotoluene	14.160	165	171525	35.259	ng/ul	98
50) Acenaphthylene	14.313	152	1065733	33.515	ng/ul	99
51) 3-Nitroaniline	14.483	138	130904	30.904	ng/ul	99
52) Acenaphthene	14.654	153	702977	33.706	ng/ul	99
53) 2,4-Dinitrophenol	14.689	184	96862	30.623	ng/ul	98
55) 4-Nitrophenol	14.789	109	112675	34.012	ng/ul	98
56) Dibenzofuran	14.989	168	1012630	33.525	ng/ul	100
57) 2,4-Dinitrotoluene	14.942	165	239893	35.837	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.213	232	228383	34.712	ng/ul	100
59) Diethylphthalate	15.407	149	809683	33.966	ng/ul	99
61) Fluorene	15.636	166	826249	33.636	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.630	204	446625	33.535	ng/ul	99
63) 4-Nitroaniline	15.642	138	130620m	36.427	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.707	198	144217	33.047	ng/ul	99
67) N-Nitrosodiphenylamine	15.842	169	697399	34.171	ng/ul	100
68) 4-Bromophenyl-phenylether	16.524	248	272311	34.251	ng/ul	99
69) Hexachlorobenzene	16.642	284	337186	34.001	ng/ul	99
70) Atrazine	16.789	200	265332	32.995	ng/ul	99
71) Pentachlorophenol	16.983	266	196748	32.983	ng/ul	99
72) Phenanthrene	17.371	178	1270226	33.809	ng/ul	98
74) Anthracene	17.465	178	1265154	33.930	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.395	216	411234	32.959	ng/uL	99
76) Pentachlorobenzene	14.913	250	405129	34.516	ng/uL	99
77) Carbazole	17.730	167	1009663	33.320	ng/ul	100
78) Di-n-butylphthalate	18.301	149	1291886	35.657	ng/ul	100
80) Fluoranthene	19.383	202	1482029	33.712	ng/ul	100
82) Pyrene	19.748	202	1547321	33.917	ng/ul	99
83) Butylbenzylphthalate	20.636	149	553420	36.239	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.418	252	401261	28.520	ng/ul	99
85) Benzo(a)anthracene	21.483	228	1449252	34.942	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.418	149	824028	36.280	ng/ul	100
87) Chrysene	21.542	228	1436859	32.178	ng/ul	100
89) Di-n-octyl phthalate	22.347	149	1392295	33.903	ng/ul	100
90) Benzo(b)fluoranthene	23.183	252	1580037	35.165	ng/ul	99
91) Benzo(k)fluoranthene	23.230	252	1610088	35.156	ng/ul	99
93) Benzo(a)pyrene	23.818	252	1557985	34.764	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.447	276	1816920	37.079	ng/ul	100
95) Dibenzo(a,h)anthracene	26.459	278	1490561	36.307	ng/ul	99
96) Benzo(g,h,i)perylene	27.218	276	1630495	35.782	ng/ul	99

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

