

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081722\
 Data File : BM036316.D
 Acq On : 17 Aug 2022 14:55
 Operator : CG/JU
 Sample : N4173-10MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EX7P4MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/18/2022
 Supervised By :Sohil Jodhani 08/19/2022

Quant Time: Aug 17 15:33:16 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	7.798	152	232678	20.000	ng/u1	0.00
20) Naphthalene-d8	10.604	136	1002006	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	591959	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	1176775	20.000	ng/u1	0.00
79) Chrysene-d12	21.374	240	1091929	20.000	ng/u1	0.00
88) Perylene-d12	23.703	264	1132662	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	24622	4.033	ng/uL	0.00
4) Pyridine-d5	3.640	84	175737	10.438	ng/u1	0.00
7) Phenol-d5	6.981	99	488912	24.617	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.139	67	312482	24.995	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	406684	26.061	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	352158	23.747	ng/u1	0.00
21) Nitrobenzene-d5	8.969	128	204909	26.972	ng/u1	0.00
24) 2-Nitrophenol-d4	9.692	143	210678	27.339	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.233	165	380218	27.614	ng/u1	0.00
31) 4-Chloroaniline-d4	10.751	131	503218	23.575	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	1130341	30.183	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	1319353	28.246	ng/u1	0.00
54) 4-Nitrophenol-d4	14.674	143	212292	29.917	ng/u1	0.00
60) Fluorene-d10	15.439	176	1027265	30.356	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.568	200	180556	29.844	ng/u1	0.00
73) Anthracene-d10	17.286	188	1623132	31.020	ng/u1	0.00
81) Pyrene-d10	19.580	212	1871954	33.048	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.556	264	1825241	32.867	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	61435	9.554	ng/uL	94
5) Pyridine	3.657	79	232854	13.388	ng/u1	91
6) Benzaldehyde	6.945	77	262898	32.225	ng/u1	93
8) Phenol	7.010	94	563520	27.290	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.234	93	446385	27.027	ng/u1	97
12) 2-Chlorophenol	7.369	128	459720	28.172	ng/u1	97
13) 2-Methylphenol	8.257	108	405309	26.627	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.339	45	609010	27.561	ng/u1	97
16) Acetophenone	8.633	105	713903	29.931	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.616	70	341332	28.753	ng/u1	95
18) 4-Methylphenol	8.592	108	444006	27.250	ng/u1	97
19) Hexachloroethane	8.875	117	188641	27.632	ng/u1	93
22) Nitrobenzene	9.016	77	510203	28.344	ng/u1	100
23) Isophorone	9.539	82	940233	29.413	ng/u1	97
25) 2-Nitrophenol	9.722	139	253707	29.551	ng/u1	99
26) 2,4-Dimethylphenol	9.792	107	276998	16.133	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.022	93	588878	28.297	ng/u1	99
29) 2,4-Dichlorophenol	10.257	162	420243	29.831	ng/u1	99
30) Naphthalene	10.651	128	1487036	28.276	ng/u1	99
32) 4-Chloroaniline	10.775	127	462706	21.312	ng/u1	98
33) Hexachlorobutadiene	10.927	225	257456	29.091	ng/u1	100
34) Caprolactam	11.574	113	143737m	34.054	ng/u1	
35) 4-Chloro-3-methylphenol	11.910	107	458642	32.200	ng/u1	98
36) 2-Methylnaphthalene	12.269	142	972985	29.488	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.486	142	980261	29.499	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.633	216	472907	28.903	ng/ul	98
40) Hexachlorocyclopentadiene	12.604	237	152475	15.708	ng/ul	97
41) 2,4,6-Trichlorophenol	12.880	196	324830	31.550	ng/ul	96
42) 2,4,5-Trichlorophenol	12.957	196	367756	33.675	ng/ul	99
43) 1,1'-Biphenyl	13.280	154	1285251	28.868	ng/ul	99
44) 2-Chloronaphthalene	13.321	162	987050	28.892	ng/ul	99
45) 2-Nitroaniline	13.539	65	305916	33.068	ng/ul	96
47) Dimethylphthalate	13.916	163	1263886	32.786	ng/ul	99
48) 2,6-Dinitrotoluene	14.039	165	262871	36.142	ng/ul	95
50) Acenaphthylene	14.168	152	1642212	29.814	ng/ul	100
51) 3-Nitroaniline	14.368	138	295636	37.167	ng/ul	97
52) Acenaphthene	14.510	153	1076005	29.971	ng/ul	99
53) 2,4-Dinitrophenol	14.574	184	141039	35.581	ng/ul	92
55) 4-Nitrophenol	14.686	109	205591	36.669	ng/ul	83
56) Dibenzofuran	14.845	168	1521814	30.549	ng/ul	98
57) 2,4-Dinitrotoluene	14.821	165	394829	38.277	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.074	232	305221	36.810	ng/ul#	93
59) Diethylphthalate	15.274	149	1372064	36.107	ng/ul	99
61) Fluorene	15.492	166	1269370	32.126	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.492	204	594147	32.190	ng/ul	98
63) 4-Nitroaniline	15.533	138	331069m	44.619	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.586	198	212850	34.797	ng/ul#	99
67) N-Nitrosodiphenylamine	15.704	169	1103185	32.791	ng/ul	99
68) 4-Bromophenyl-phenylether	16.380	248	366645	33.648	ng/ul	98
69) Hexachlorobenzene	16.486	284	454990	34.456	ng/ul	96
70) Atrazine	16.662	200	234608	20.409	ng/ul	98
71) Pentachlorophenol	16.839	266	251352	34.527	ng/ul	98
72) Phenanthrene	17.233	178	2126775	34.378	ng/ul	99
74) Anthracene	17.321	178	2073678	33.435	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.245	216	471226	26.688	ng/ul	97
76) Pentachlorobenzene	14.762	250	486044	29.481	ng/ul	99
77) Carbazole	17.598	167	2000209	34.445	ng/ul	98
78) Di-n-butylphthalate	18.162	149	2464342	38.799	ng/ul	99
80) Fluoranthene	19.245	202	2526834	36.912	ng/ul	99
82) Pyrene	19.609	202	2569011	35.962	ng/ul	98
83) Butylbenzylphthalate	20.515	149	1104613	41.333	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.297	252	661731	29.429	ng/ul	98
85) Benzo(a)anthracene	21.356	228	2374664	36.189	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.291	149	1589409	43.075	ng/ul	99
87) Chrysene	21.409	228	2328423	36.113	ng/ul	99
89) Di-n-octyl phthalate	22.191	149	2667279	39.613	ng/ul	100
90) Benzo(b)fluoranthene	22.997	252	2536637	36.733	ng/ul	97
91) Benzo(k)fluoranthene	23.044	252	2333711	35.521	ng/ul	97
93) Benzo(a)pyrene	23.603	252	2408820	35.457	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.126	276	2830939	35.442	ng/ul	95
95) Dibenzo(a,h)anthracene	26.138	278	2423136	35.216	ng/ul	96
96) Benzo(g,h,i)perylene	26.868	276	2081466	30.473	ng/ul	96

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

