

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081622\
 Data File : BM036306.D
 Acq On : 16 Aug 2022 18:39
 Operator : CG/JU
 Sample : N4173-09MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EX7P4MS

Manual Integrations
 APPROVED

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

Quant Time: Aug 17 02:31:01 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	227488	20.000	ng/u1	0.00
20) Naphthalene-d8	10.604	136	968282	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	576391	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	1145216	20.000	ng/u1	0.00
79) Chrysene-d12	21.374	240	1096044	20.000	ng/u1	0.00
88) Perylene-d12	23.703	264	1133586	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	25159	4.215	ng/uL	0.00
4) Pyridine-d5	3.640	84	167688	10.187	ng/u1	0.00
7) Phenol-d5	6.987	99	477612	24.596	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	302351	24.737	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	392066	25.698	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	348434	24.032	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	196255	26.733	ng/u1	0.00
24) 2-Nitrophenol-d4	9.692	143	198883	26.708	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	364433	27.389	ng/u1	0.00
31) 4-Chloroaniline-d4	10.757	131	489756	23.743	ng/u1	0.00
46) Dimethylphthalate-d6	13.869	166	1083398	29.711	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	1282701	28.203	ng/u1	0.00
54) 4-Nitrophenol-d4	14.674	143	211230	30.571	ng/u1	0.00
60) Fluorene-d10	15.439	176	1006447	30.544	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.568	200	176044	29.900	ng/u1	0.00
73) Anthracene-d10	17.286	188	1620617	31.826	ng/u1	0.00
81) Pyrene-d10	19.580	212	1876710	33.008	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.556	264	1843555	33.170	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	62672	9.968	ng/uL	96
5) Pyridine	3.663	79	234606	13.797	ng/u1	89
6) Benzaldehyde	6.951	77	252206	31.620	ng/u1	93
8) Phenol	7.016	94	556637	27.572	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.234	93	432975	26.813	ng/u1	98
12) 2-Chlorophenol	7.369	128	442428	27.731	ng/u1	99
13) 2-Methylphenol	8.263	108	395140	26.552	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.340	45	588669	27.248	ng/u1	98
16) Acetophenone	8.640	105	685991	29.417	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.622	70	327323	28.202	ng/u1	95
18) 4-Methylphenol	8.592	108	436202	27.382	ng/u1	99
19) Hexachloroethane	8.875	117	181478	27.189	ng/u1	89
22) Nitrobenzene	9.016	77	491338	28.246	ng/u1	99
23) Isophorone	9.539	82	910367	29.471	ng/u1	97
25) 2-Nitrophenol	9.728	139	243496	29.350	ng/u1	98
26) 2,4-Dimethylphenol	9.792	107	322099	19.413	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.028	93	566707	28.180	ng/u1	99
29) 2,4-Dichlorophenol	10.263	162	403428	29.635	ng/u1	99
30) Naphthalene	10.657	128	1436295	28.262	ng/u1	99
32) 4-Chloroaniline	10.781	127	464820	22.155	ng/u1	100
33) Hexachlorobutadiene	10.934	225	242218	28.322	ng/u1	99
34) Caprolactam	11.575	113	141100m	34.593	ng/u1	
35) 4-Chloro-3-methylphenol	11.916	107	450301	32.715	ng/u1	98
36) 2-Methylnaphthalene	12.269	142	943103	29.578	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.486	142	945538	29.445	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.633	216	447384	28.082	ng/ul	99
40) Hexachlorocyclopentadiene	12.610	237	155002	16.400	ng/ul	97
41) 2,4,6-Trichlorophenol	12.886	196	312748	31.197	ng/ul	100
42) 2,4,5-Trichlorophenol	12.963	196	349017	32.822	ng/ul	100
43) 1,1'-Biphenyl	13.280	154	1247372	28.774	ng/ul	99
44) 2-Chloronaphthalene	13.327	162	952836	28.643	ng/ul	98
45) 2-Nitroaniline	13.545	65	293058	32.533	ng/ul	98
47) Dimethylphthalate	13.916	163	1225107	32.639	ng/ul	100
48) 2,6-Dinitrotoluene	14.039	165	250162	35.323	ng/ul	94
50) Acenaphthylene	14.169	152	1596887	29.774	ng/ul	100
51) 3-Nitroaniline	14.369	138	285829	36.905	ng/ul	98
52) Acenaphthene	14.510	153	1048960	30.006	ng/ul	98
53) 2,4-Dinitrophenol	14.580	184	136509	35.369	ng/ul	97
55) 4-Nitrophenol	14.692	109	205772	37.693	ng/ul	85
56) Dibenzofuran	14.845	168	1488553	30.688	ng/ul	98
57) 2,4-Dinitrotoluene	14.827	165	383732	38.206	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.074	232	295220	36.565	ng/ul#	92
59) Diethylphthalate	15.274	149	1327181	35.869	ng/ul	99
61) Fluorene	15.492	166	1251529	32.530	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.492	204	579735	32.258	ng/ul	99
63) 4-Nitroaniline	15.533	138	330279m	45.714	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.586	198	208295	34.991	ng/ul	95
67) N-Nitrosodiphenylamine	15.710	169	1083209	33.085	ng/ul	99
68) 4-Bromophenyl-phenylether	16.386	248	358645	33.821	ng/ul	100
69) Hexachlorobenzene	16.492	284	444887	34.620	ng/ul	99
70) Atrazine	16.663	200	228974	20.468	ng/ul	98
71) Pentachlorophenol	16.845	266	245966	34.718	ng/ul	99
72) Phenanthrene	17.233	178	2087498	34.673	ng/ul	98
74) Anthracene	17.321	178	2058429	34.104	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.245	216	451153	26.255	ng/uL	97
76) Pentachlorobenzene	14.763	250	479093	29.860	ng/uL	98
77) Carbazole	17.604	167	2000829	35.405	ng/ul	99
78) Di-n-butylphthalate	18.162	149	2410666	39.000	ng/ul	99
80) Fluoranthene	19.251	202	2501912	36.411	ng/ul	98
82) Pyrene	19.609	202	2580191	35.983	ng/ul	98
83) Butylbenzylphthalate	20.515	149	1071533	39.944	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.298	252	665540	29.488	ng/ul	99
85) Benzo(a)anthracene	21.356	228	2400898	36.451	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.286	149	1546920	41.766	ng/ul	99
87) Chrysene	21.409	228	2333406	36.054	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	2591364	38.455	ng/ul	100
90) Benzo(b)fluoranthene	22.992	252	2513335	36.365	ng/ul	98
91) Benzo(k)fluoranthene	23.039	252	2419710	36.800	ng/ul	98
93) Benzo(a)pyrene	23.603	252	2426373	35.686	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.127	276	2884298	36.080	ng/ul	94
95) Dibenzo(a,h)anthracene	26.138	278	2467851	35.837	ng/ul	95
96) Benzo(g,h,i)perylene	26.868	276	2114546	30.932	ng/ul	96

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

