

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
 Data File : BN015934.D
 Acq On : 18 Aug 2021 13:13
 Operator : CG/JU
 Sample : M3364-21MS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBKC7MS

Quant Time: Aug 18 13:47:34 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 17 09:43:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	290912	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	1201414	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	771009	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.298	188	1578353	20.000	ng/u1	0.00
79) Chrysene-d12	21.492	240	1521687	20.000	ng/u1	0.00
88) Perylene-d12	23.915	264	1535009	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	49007	6.562	ng/uL	0.00
4) Pyridine-d5	3.751	84	169532	8.122	ng/u1	0.00
7) Phenol-d5	7.063	99	241186	9.165	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	535783	33.069	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	564309	30.137	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	415143	20.283	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	346116	39.142	ng/u1	0.00
24) 2-Nitrophenol-d4	9.786	143	370161	44.728	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	661823	36.956	ng/u1	0.00
31) 4-Chloroaniline-d4	10.851	131	788521	28.926	ng/u1	0.00
46) Dimethylphthalate-d6	13.963	166	2440561	43.192	ng/u1	0.00
49) Acenaphthylene-d8	14.245	160	2797736	39.536	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	111017	11.108	ng/u1	0.01
60) Fluorene-d10	15.545	176	2034977	41.287	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	402415	47.740	ng/u1	0.00
73) Anthracene-d10	17.398	188	3329041	45.000	ng/u1	0.00
81) Pyrene-d10	19.692	212	3727970	45.484	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.762	264	3642822	43.892	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.369	88	45123	5.877	ng/uL	90
5) Pyridine	3.769	79	190267	8.842	ng/u1	98
6) Benzaldehyde	7.034	77	612009	45.201	ng/u1	97
8) Phenol	7.087	94	268955	10.026	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.322	93	736579	35.048	ng/u1	98
12) 2-Chlorophenol	7.463	128	604049	31.385	ng/u1	99
13) 2-Methylphenol	8.345	108	470643	23.951	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.439	45	894123	33.314	ng/u1	98
16) Acetophenone	8.728	105	1213711	36.747	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.716	70	630435	39.088	ng/u1	99
18) 4-Methylphenol	8.675	108	458088	21.782	ng/u1	91
19) Hexachloroethane	8.986	117	278990	31.921	ng/u1	92
22) Nitrobenzene	9.110	77	957098	38.278	ng/u1	99
23) Isophorone	9.633	82	1727484	39.712	ng/u1	99
25) 2-Nitrophenol	9.822	139	395261	43.797	ng/u1	98
26) 2,4-Dimethylphenol	9.881	107	772253	32.036	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.122	93	1001177	37.471	ng/u1	97
29) 2,4-Dichlorophenol	10.357	162	682343	38.645	ng/u1	96
30) Naphthalene	10.763	128	2222236	34.536	ng/u1	99
32) 4-Chloroaniline	10.869	127	819365	30.445	ng/u1	98
33) Hexachlorobutadiene	11.051	225	443522	32.692	ng/u1	99
34) Caprolactam	11.645	113	46790	8.458	ng/u1	92
35) 4-Chloro-3-methylphenol	11.992	107	811587	38.805	ng/u1	98
36) 2-Methylnaphthalene	12.374	142	1673563	37.402	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.592	142	1629617	36.589	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.745	216	937070	37.569	ng/ul	96
40) Hexachlorocyclopentadiene	12.722	237	406318	25.126	ng/ul	98
41) 2,4,6-Trichlorophenol	12.980	196	637583	46.749	ng/ul	93
42) 2,4,5-Trichlorophenol	13.051	196	713933	47.946	ng/ul	94
43) 1,1'-Biphenyl	13.386	154	2259392	37.897	ng/ul	98
44) 2-Chloronaphthalene	13.427	162	1721700	37.399	ng/ul	97
45) 2-Nitroaniline	13.627	65	665129	50.990	ng/ul	99
47) Dimethylphthalate	14.010	163	2487136	44.402	ng/ul	99
48) 2,6-Dinitrotoluene	14.127	165	524688	51.725	ng/ul	92
50) Acenaphthylene	14.274	152	2645181	39.322	ng/ul	99
51) 3-Nitroaniline	14.457	138	487425	44.690	ng/ul	99
52) Acenaphthene	14.616	153	2010894	41.329	ng/ul	97
53) 2,4-Dinitrophenol	14.657	184	273430	48.512	ng/ul	95
55) 4-Nitrophenol	14.757	109	122408	12.517	ng/ul	93
56) Dibenzofuran	14.951	168	2815663	41.857	ng/ul	99
57) 2,4-Dinitrotoluene	14.916	165	773735	52.957	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.174	232	654256	53.100	ng/ul	99
59) Diethylphthalate	15.374	149	2636590	47.073	ng/ul	99
61) Fluorene	15.598	166	2364272	43.071	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.592	204	1206294	42.142	ng/ul	98
63) 4-Nitroaniline	15.621	138	548151	52.453	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.680	198	408713	48.751	ng/ul	95
67) N-Nitrosodiphenylamine	15.810	169	2088596	45.336	ng/ul	98
68) 4-Bromophenyl-phenylether	16.486	248	789460	46.611	ng/ul	94
69) Hexachlorobenzene	16.604	284	914292	46.193	ng/ul	97
70) Atrazine	16.762	200	731367	43.769	ng/ul	96
71) Pentachlorophenol	16.951	266	552600	49.767	ng/ul	89
72) Phenanthrene	17.345	178	3824753	44.575	ng/ul	97
74) Anthracene	17.433	178	3933007	44.897	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.351	216	958251	38.544	ng/ul	94
76) Pentachlorobenzene	14.868	250	1013295	41.872	ng/ul	96
77) Carbazole	17.704	167	3543002	46.001	ng/ul	97
78) Di-n-butylphthalate	18.274	149	4609084	52.632	ng/ul	98
80) Fluoranthene	19.362	202	4648179	46.872	ng/ul	98
82) Pyrene	19.721	202	4685028	45.393	ng/ul	98
83) Butylbenzylphthalate	20.621	149	2065255	59.504	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.403	252	755592	24.249	ng/ul	96
85) Benzo(a)anthracene	21.474	228	4517847	46.144	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.403	149	2959298	53.761	ng/ul	96
87) Chrysene	21.527	228	4402288	46.441	ng/ul	99
89) Di-n-octyl phthalate	22.339	149	5024388	51.716	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	4659513	46.171	ng/ul	98
91) Benzo(k)fluoranthene	23.227	252	4522957	45.014	ng/ul	99
93) Benzo(a)pyrene	23.809	252	4043389	44.261	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.438	276	5221731	46.099	ng/ul	99
95) Dibenzo(a,h)anthracene	26.456	278	4391589	46.963	ng/ul	99
96) Benzo(g,h,i)perylene	27.209	276	4192613	44.766	ng/ul	99

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

