

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081922\
 Data File : BN021296.D
 Acq On : 19 Aug 2022 14:12
 Operator : CG/JU
 Sample : SST08027
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST080235

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/22/2022
 Supervised By :Sohil Jodhani 08/22/2022

Quant Time: Aug 19 15:40:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 19 15:36:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	109160	20.000	ng/u1	0.00
20) Naphthalene-d8	10.934	136	500690	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.751	164	312588	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.504	188	686072	20.000	ng/u1	0.00
79) Chrysene-d12	21.704	240	706173	20.000	ng/u1	0.01
88) Perylene-d12	24.245	264	832055	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	91517	30.940	ng/uL	0.00
4) Pyridine-d5	3.811	84	672976	86.229	ng/u1	0.00
7) Phenol-d5	7.246	99	863408	93.445	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.422	67	493070	88.887	ng/u1	0.00
11) 2-Chlorophenol-d4	7.622	132	652645	92.454	ng/u1	0.00
15) 4-Methylphenol-d8	8.816	113	677678	99.474	ng/u1	0.00
21) Nitrobenzene-d5	9.281	128	327203	101.269	ng/u1	0.00
24) 2-Nitrophenol-d4	10.005	143	329857	118.718	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.552	165	630383	91.908	ng/u1	0.00
31) 4-Chloroaniline-d4	11.069	131	965942	91.364	ng/u1	0.00
46) Dimethylphthalate-d6	14.169	166	1812923	87.182	ng/u1	0.00
49) Acenaphthylene-d8	14.451	160	2113338	82.430	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	403491	112.236	ng/u1	0.02
60) Fluorene-d10	15.745	176	1521848	83.091	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	270909	116.281	ng/u1	0.01
73) Anthracene-d10	17.610	188	2418101	79.939	ng/u1	0.00
81) Pyrene-d10	19.898	212	2718578	75.654	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.092	264	3327071	81.560	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.423	88	96548	30.439	ng/uL	92
5) Pyridine	3.834	79	673373	86.101	ng/u1	90
6) Benzaldehyde	7.222	77	344259	86.449	ng/u1	93
8) Phenol	7.275	94	875516	92.949	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.516	93	674179	88.408	ng/u1	94
12) 2-Chlorophenol	7.658	128	669461	89.407	ng/u1	96
13) 2-Methylphenol	8.546	108	671217	95.284	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.640	45	846489	90.261	ng/u1	97
16) Acetophenone	8.934	105	991279	93.217	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.928	70	510800	97.240	ng/u1	94
18) 4-Methylphenol	8.881	108	727823	98.133	ng/u1	97
19) Hexachloroethane	9.193	117	259862	82.957	ng/u1	90
22) Nitrobenzene	9.322	77	753570	93.849	ng/u1	94
23) Isophorone	9.857	82	1534037	91.244	ng/u1	98
25) 2-Nitrophenol	10.040	139	373339	113.303	ng/u1	91
26) 2,4-Dimethylphenol	10.099	107	760096	87.327	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.340	93	916226	87.093	ng/u1	99
29) 2,4-Dichlorophenol	10.575	162	632640	90.181	ng/u1	98
30) Naphthalene	10.987	128	2122776	82.778	ng/u1	100
32) 4-Chloroaniline	11.099	127	991293	91.655	ng/u1	99
33) Hexachlorobutadiene	11.269	225	335288	78.539	ng/u1	98
34) Caprolactam	11.875	113	249869m	108.945	ng/u1	
35) 4-Chloro-3-methylphenol	12.216	107	726485	98.891	ng/u1	96
36) 2-Methylnaphthalene	12.593	142	1445968	86.102	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.810	142	1450428	86.334	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.951	216	673442	78.194	ng/ul	99
40) Hexachlorocyclopentadiene	12.934	237	417301	78.372	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.193	196	472920	91.825	ng/ul	99
42) 2,4,5-Trichlorophenol	13.263	196	524479	93.689	ng/ul	88
43) 1,1'-Biphenyl	13.593	154	1860285	78.252	ng/ul	97
44) 2-Chloronaphthalene	13.634	162	1462207	81.568	ng/ul	100
45) 2-Nitroaniline	13.840	65	463952	125.062	ng/ul	90
47) Dimethylphthalate	14.216	163	1851741	86.325	ng/ul	99
48) 2,6-Dinitrotoluene	14.334	165	394952	125.501	ng/ul	94
50) Acenaphthylene	14.481	152	2320913	79.565	ng/ul	99
51) 3-Nitroaniline	14.663	138	405246	110.356	ng/ul	96
52) Acenaphthene	14.822	153	1502945	80.625	ng/ul	100
53) 2,4-Dinitrophenol	14.863	184	191515	133.712	ng/ul	95
55) 4-Nitrophenol	14.969	109	312127	106.285	ng/ul	94
56) Dibenzofuran	15.151	168	2133449	80.906	ng/ul	99
57) 2,4-Dinitrotoluene	15.116	165	570652	131.552	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.375	232	408582	101.520	ng/ul	96
59) Diethylphthalate	15.575	149	1879249	87.319	ng/ul	99
61) Fluorene	15.804	166	1610371	77.294	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.798	204	730619	76.253	ng/ul	99
63) 4-Nitroaniline	15.828	138	384497	114.815	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.875	198	287549	115.633	ng/ul	95
67) N-Nitrosodiphenylamine	16.010	169	1514928	75.723	ng/ul	96
68) 4-Bromophenyl-phenylether	16.692	248	503292	78.783	ng/ul	98
69) Hexachlorobenzene	16.798	284	586683	78.927	ng/ul	94
70) Atrazine	16.963	200	566698	83.103	ng/ul	97
71) Pentachlorophenol	17.145	266	374037	96.593	ng/ul	97
72) Phenanthrene	17.551	178	2810854	78.033	ng/ul	100
74) Anthracene	17.639	178	2767009	75.705	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.557	216	710444	72.477	ng/uL	94
76) Pentachlorobenzene	15.069	250	659276	74.207	ng/uL	90
77) Carbazole	17.910	167	2760228	82.777	ng/ul	96
78) Di-n-butylphthalate	18.475	149	3362042	83.124	ng/ul	99
80) Fluoranthene	19.563	202	3392170	76.607	ng/ul	97
82) Pyrene	19.928	202	3414371	74.538	ng/ul	96
83) Butylbenzylphthalate	20.828	149	1639829	91.935	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.616	252	1098245	80.076	ng/ul#	99
85) Benzo(a)anthracene	21.686	228	3410192	79.357	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.610	149	2093996	73.975	ng/ul	99
87) Chrysene	21.745	228	3152652	75.772	ng/ul	98
89) Di-n-octyl phthalate	22.586	149	4384834	77.469	ng/ul	100
90) Benzo(b)fluoranthene	23.469	252	4151260	79.922	ng/ul	98
91) Benzo(k)fluoranthene	23.521	252	3626822	75.749	ng/ul	98
93) Benzo(a)pyrene	24.145	252	3994325	79.942	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.957	276	5025635m	85.034	ng/ul	
95) Dibenzo(a,h)anthracene	26.974	278	4001059	79.382	ng/ul	96
96) Benzo(g,h,i)perylene	27.792	276	4450777	86.607	ng/ul	94

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

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