

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081922\
 Data File : BN021294.D
 Acq On : 19 Aug 2022 12:57
 Operator : CG/JU
 Sample : SST02025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST020233

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

08/22/2022
 Supervised By :Sohil
 Jodhani

Quant Time: Aug 19 15:38:57 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	106922	20.000	ng/u1	0.00
20) Naphthalene-d8	10.934	136	507536	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.751	164	325285	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.504	188	682690	20.000	ng/u1	0.00
79) Chrysene-d12	21.692	240	694176	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	797800	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	21874	7.550	ng/uL	0.00
4) Pyridine-d5	3.817	84	147550	19.301	ng/u1	0.00
7) Phenol-d5	7.240	99	181136	20.014	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	116137	21.375	ng/u1	0.00
11) 2-Chlorophenol-d4	7.616	132	137748	19.922	ng/u1	0.00
15) 4-Methylphenol-d8	8.810	113	143480	21.502	ng/u1	0.00
21) Nitrobenzene-d5	9.275	128	66698	20.365	ng/u1	0.00
24) 2-Nitrophenol-d4	10.005	143	57853	20.541	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	133071	19.140	ng/u1	0.00
31) 4-Chloroaniline-d4	11.069	131	221813	20.697	ng/u1	0.00
46) Dimethylphthalate-d6	14.163	166	438885	20.282	ng/u1	0.00
49) Acenaphthylene-d8	14.445	160	505022	18.929	ng/u1	0.00
54) 4-Nitrophenol-d4	14.940	143	79428	21.231	ng/u1	0.00
60) Fluorene-d10	15.740	176	374703	19.660	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	44497	19.194	ng/u1	0.00
73) Anthracene-d10	17.604	188	584403	19.415	ng/u1	0.00
81) Pyrene-d10	19.892	212	692299	19.599	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.068	264	757581	19.369	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.423	88	22925	7.379	ng/uL	94
5) Pyridine	3.834	79	152991	19.972	ng/u1	88
6) Benzaldehyde	7.222	77	89995	23.072	ng/u1	92
8) Phenol	7.269	94	190109	20.605	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.511	93	156076	20.895	ng/u1	96
12) 2-Chlorophenol	7.652	128	148583	20.259	ng/u1	95
13) 2-Methylphenol	8.540	108	143155	20.747	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.634	45	198128	21.569	ng/u1	98
16) Acetophenone	8.928	105	242100	23.243	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.910	70	120486	23.417	ng/u1	95
18) 4-Methylphenol	8.869	108	161117	22.178	ng/u1	99
19) Hexachloroethane	9.193	117	59629	19.434	ng/u1	86
22) Nitrobenzene	9.316	77	166408	20.445	ng/u1	96
23) Isophorone	9.846	82	340870	20.001	ng/u1	98
25) 2-Nitrophenol	10.034	139	71645	21.450	ng/u1	92
26) 2,4-Dimethylphenol	10.093	107	175236	19.861	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.334	93	213046	19.978	ng/u1	97
29) 2,4-Dichlorophenol	10.569	162	140255	19.723	ng/u1	99
30) Naphthalene	10.981	128	504565	19.410	ng/u1	100
32) 4-Chloroaniline	11.093	127	234387	21.379	ng/u1	99
33) Hexachlorobutadiene	11.269	225	79160	18.293	ng/u1	97
34) Caprolactam	11.846	113	49469	21.278	ng/u1	86
35) 4-Chloro-3-methylphenol	12.204	107	158346	21.264	ng/u1	97
36) 2-Methylnaphthalene	12.587	142	345409	20.290	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.804	142	354048	20.790	ng/u1	96
39) 1,2,4,5-Tetrachloroben...	12.951	216	158228	17.655	ng/u1	98
40) Hexachlorocyclopentadiene	12.928	237	92237	16.647	ng/u1	88
41) 2,4,6-Trichlorophenol	13.187	196	100911	18.829	ng/u1	94
42) 2,4,5-Trichlorophenol	13.257	196	112274	19.273	ng/u1	99
43) 1,1'-Biphenyl	13.593	154	465084	18.800	ng/u1	99
44) 2-Chloronaphthalene	13.634	162	350364	18.782	ng/u1	97
45) 2-Nitroaniline	13.834	65	88465	22.916	ng/u1	88
47) Dimethylphthalate	14.204	163	446372	19.997	ng/u1	99
48) 2,6-Dinitrotoluene	14.328	165	75394	23.022	ng/u1	99
50) Acenaphthylene	14.475	152	592490	19.519	ng/u1	99
51) 3-Nitroaniline	14.651	138	78569	20.561	ng/u1#	98
52) Acenaphthene	14.816	153	374913	19.327	ng/u1	92
53) 2,4-Dinitrophenol	14.851	184	27775	18.635	ng/u1	99
55) 4-Nitrophenol	14.951	109	64972	21.261	ng/u1	92
56) Dibenzofuran	15.151	168	544633	19.848	ng/u1	95
57) 2,4-Dinitrotoluene	15.104	165	113145	25.065	ng/u1	97
58) 2,3,4,6-Tetrachlorophenol	15.369	232	85914	20.514	ng/u1	97
59) Diethylphthalate	15.569	149	454644	20.300	ng/u1	96
61) Fluorene	15.798	166	429388	19.805	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.792	204	199594	20.018	ng/u1	98
63) 4-Nitroaniline	15.810	138	82673	23.723	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.869	198	47763	19.302	ng/u1	98
67) N-Nitrosodiphenylamine	16.004	169	373869	18.780	ng/u1	93
68) 4-Bromophenyl-phenylether	16.687	248	121636	19.135	ng/u1	97
69) Hexachlorobenzene	16.798	284	144973	19.600	ng/u1	96
70) Atrazine	16.957	200	131673	19.405	ng/u1	98
71) Pentachlorophenol	17.145	266	70722	18.354	ng/u1	96
72) Phenanthrene	17.545	178	699897	19.526	ng/u1	99
74) Anthracene	17.634	178	719646	19.787	ng/u1	97
75) 1,2,3,4-Tetrachloroben...	13.551	216	171814	17.615	ng/uL	98
76) Pentachlorobenzene	15.063	250	158721	17.954	ng/uL	97
77) Carbazole	17.904	167	683305	20.593	ng/u1	98
78) Di-n-butylphthalate	18.475	149	763595	18.973	ng/u1	99
80) Fluoranthene	19.557	202	823345	18.915	ng/u1	96
82) Pyrene	19.922	202	860474	19.109	ng/u1#	91
83) Butylbenzylphthalate	20.822	149	326592	18.626	ng/u1	97
84) 3,3'-Dichlorobenzidine	21.610	252	273664	20.298	ng/u1#	95
85) Benzo(a)anthracene	21.680	228	863405	20.439	ng/u1	94
86) Bis(2-ethylhexyl)phtha...	21.604	149	503075	18.079	ng/u1	98
87) Chrysene	21.733	228	852640	20.847	ng/u1	98
89) Di-n-octyl phthalate	22.580	149	907980	16.731	ng/u1	100
90) Benzo(b)fluoranthene	23.451	252	973257	19.542	ng/u1	98
91) Benzo(k)fluoranthene	23.504	252	882491m	19.223	ng/u1	
93) Benzo(a)pyrene	24.121	252	915173	19.103	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.910	276	1134195	20.015	ng/u1	95
95) Dibenzo(a,h)anthracene	26.945	278	949457m	19.646	ng/u1	
96) Benzo(g,h,i)perylene	27.739	276	956181	19.405	ng/u1	94

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

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