

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081822\
 Data File : BN021288.D
 Acq On : 18 Aug 2022 20:01
 Operator : CG/JU
 Sample : SST08027
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST080228

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/19/2022
 Supervised By :Sohil Jodhani 08/22/2022

Quant Time: Aug 18 21:13:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 18 19:40:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	112110	20.000	ng/u1	0.00
20) Naphthalene-d8	10.934	136	459979	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.757	164	259270	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.510	188	520824	20.000	ng/u1	0.00
79) Chrysene-d12	21.698	240	489165	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	509412	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	103795	40.100	ng/uL	0.00
4) Pyridine-d5	3.817	84	691019	97.674	ng/u1	0.00
7) Phenol-d5	7.246	99	808027	87.102	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.422	67	474713	81.904	ng/u1	0.00
11) 2-Chlorophenol-d4	7.622	132	636341	84.422	ng/u1	0.00
15) 4-Methylphenol-d8	8.816	113	601195	74.906	ng/u1	0.00
21) Nitrobenzene-d5	9.281	128	285913	81.703	ng/u1	0.00
24) 2-Nitrophenol-d4	10.005	143	267612	72.058	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.552	165	555034	85.609	ng/u1	0.00
31) 4-Chloroaniline-d4	11.075	131	803043	76.487	ng/u1	0.00
46) Dimethylphthalate-d6	14.169	166	1443485	76.517	ng/u1	0.00
49) Acenaphthylene-d8	14.451	160	1806904	82.592	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	277702	73.461	ng/u1	0.00
60) Fluorene-d10	15.751	176	1261925	80.837	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	179012	59.336	ng/u1	0.00
73) Anthracene-d10	17.610	188	1886198	82.982	ng/u1	0.00
81) Pyrene-d10	19.898	212	2055299	77.504	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.080	264	2172074	87.147	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.423	88	110912	40.590	ng/uL	95
5) Pyridine	3.840	79	678700	91.509	ng/u1	86
6) Benzaldehyde	7.222	77	330453	75.600	ng/u1	92
8) Phenol	7.275	94	821910	83.204	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.516	93	661581	85.569	ng/u1	95
12) 2-Chlorophenol	7.658	128	662883	84.135	ng/u1	96
13) 2-Methylphenol	8.546	108	611099	80.470	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.640	45	808075	66.652	ng/u1	96
16) Acetophenone	8.940	105	909120	74.484	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.928	70	457582	73.388	ng/u1	92
18) 4-Methylphenol	8.881	108	642202	76.620	ng/u1	97
19) Hexachloroethane	9.199	117	272996	86.112	ng/u1	93
22) Nitrobenzene	9.322	77	675388	83.239	ng/u1	94
23) Isophorone	9.858	82	1322143	82.529	ng/u1	98
25) 2-Nitrophenol	10.040	139	312783	76.218	ng/u1	92
26) 2,4-Dimethylphenol	10.099	107	675853	79.494	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.340	93	819478	83.588	ng/u1	98
29) 2,4-Dichlorophenol	10.575	162	567912	84.681	ng/u1	96
30) Naphthalene	10.987	128	1929883	80.954	ng/u1	99
32) 4-Chloroaniline	11.099	127	827827	78.829	ng/u1	99
33) Hexachlorobutadiene	11.269	225	326582	84.817	ng/u1	98
34) Caprolactam	11.869	113	188954m	72.150	ng/u1	
35) 4-Chloro-3-methylphenol	12.216	107	594816	75.114	ng/u1	98
36) 2-Methylnaphthalene	12.593	142	1272581	78.960	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.810	142	1257876	76.482	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.951	216	608731	92.057	ng/ul	99
40) Hexachlorocyclopentadiene	12.934	237	386575	96.104	ng/ul	99
41) 2,4,6-Trichlorophenol	13.193	196	386440	84.755	ng/ul	98
42) 2,4,5-Trichlorophenol	13.263	196	432719	85.691	ng/ul	96
43) 1,1'-Biphenyl	13.599	154	1617654	84.260	ng/ul	97
44) 2-Chloronaphthalene	13.640	162	1243926	85.409	ng/ul	98
45) 2-Nitroaniline	13.840	65	334382	73.798	ng/ul	91
47) Dimethylphthalate	14.216	163	1482262	78.050	ng/ul	98
48) 2,6-Dinitrotoluene	14.334	165	291608	78.535	ng/ul	95
50) Acenaphthylene	14.481	152	1984602	81.934	ng/ul	99
51) 3-Nitroaniline	14.663	138	290996	74.131	ng/ul#	98
52) Acenaphthene	14.822	153	1272977	80.458	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	120280	50.595	ng/ul	98
55) 4-Nitrophenol	14.969	109	221538	68.656	ng/ul	91
56) Dibenzofuran	15.157	168	1805945	81.020	ng/ul	99
57) 2,4-Dinitrotoluene	15.116	165	405800	73.811	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.381	232	325919	82.220	ng/ul	96
59) Diethylphthalate	15.581	149	1482152	75.804	ng/ul	97
61) Fluorene	15.810	166	1374098	79.223	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.798	204	634952	79.492	ng/ul	99
63) 4-Nitroaniline	15.828	138	257243	70.130	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.875	198	189919	62.091	ng/ul	95
67) N-Nitrosodiphenylamine	16.010	169	1230639	82.421	ng/ul	95
68) 4-Bromophenyl-phenylether	16.698	248	403689	89.004	ng/ul	99
69) Hexachlorobenzene	16.804	284	458415	87.926	ng/ul	95
70) Atrazine	16.969	200	429346	82.413	ng/ul	97
71) Pentachlorophenol	17.151	266	272799	84.009	ng/ul	98
72) Phenanthrene	17.551	178	2175653	79.156	ng/ul	99
74) Anthracene	17.645	178	2199231	79.574	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.557	216	626912	89.889	ng/uL	98
76) Pentachlorobenzene	15.069	250	557343	90.419	ng/uL	100
77) Carbazole	17.916	167	2060687	81.958	ng/ul	96
78) Di-n-butylphthalate	18.481	149	2601393	83.438	ng/ul	99
80) Fluoranthene	19.563	202	2451329	76.537	ng/ul#	93
82) Pyrene	19.928	202	2497725	76.014	ng/ul#	92
83) Butylbenzylphthalate	20.828	149	1149707	77.747	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.616	252	790308	84.589	ng/ul	99
85) Benzo(a)anthracene	21.680	228	2415164	78.188	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.616	149	1600315	76.700	ng/ul	100
87) Chrysene	21.739	228	2282430	75.528	ng/ul	95
89) Di-n-octyl phthalate	22.592	149	2974120	71.732	ng/ul	100
90) Benzo(b)fluoranthene	23.463	252	2610768	81.659	ng/ul	97
91) Benzo(k)fluoranthene	23.522	252	2413858	79.312	ng/ul	98
93) Benzo(a)pyrene	24.139	252	2507477	81.023	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.939	276	3085090	96.891	ng/ul	97
95) Dibenzo(a,h)anthracene	26.974	278	2643227	97.190	ng/ul	98
96) Benzo(g,h,i)perylene	27.774	276	2716402	101.023	ng/ul	96

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

