

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101521\
 Data File : BN016977.D
 Acq On : 15 Oct 2021 16:28
 Operator : CG/JU
 Sample : SST08026
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST080226

Manual Integrations
 APPROVED

mohammad
 10/19/2021 12:08:34 PM

Quant Time: Oct 15 16:57:03 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101521MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 15 15:46:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.546	152	130093	20.00	ng/ul	0.00
20) Naphthalene-d8	10.322	136	611675	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.204	164	377562	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.957	188	805023	20.00	ng/ul	0.00
79) Chrysene-d12	21.175	240	836677	20.00	ng/ul	0.00
88) Perylene-d12	23.386	264	1028532	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.070	96	90507	29.44	ng/uL	0.00
4) Pyridine-d5	3.464	84	731030	86.36	ng/ul	0.00
7) Phenol-d5	6.740	99	948933	92.09	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.899	67	520706	86.18	ng/ul	0.00
11) 2-Chlorophenol-d4	7.087	132	746505	91.40	ng/ul	0.00
15) 4-Methylphenol-d8	8.275	113	743275	92.23	ng/ul	0.01
21) Nitrobenzene-d5	8.705	128	378461	96.62	ng/ul	0.00
24) 2-Nitrophenol-d4	9.422	143	427698	108.95	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.958	165	724336	89.23	ng/ul	0.00
31) 4-Chloroaniline-d4	10.475	131	1030794	83.44	ng/ul	0.00
46) Dimethylphthalate-d6	13.634	166	2010107	83.18	ng/ul	0.01
49) Acenaphthylene-d8	13.893	160	2570102	82.44	ng/ul	0.00
54) 4-Nitrophenol-d4	14.446	143	450918	97.67	ng/ul	0.02
60) Fluorene-d10	15.204	176	1653272	78.20	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.345	200	411786	108.67	ng/ul	0.02
73) Anthracene-d10	17.063	188	2632240	77.87	ng/ul	0.01
81) Pyrene-d10	19.369	212	3013133	76.33	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.251	264	4055618	82.38	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.105	88	99285	30.24	ng/uL	98
5) Pyridine	3.481	79	723846	84.94	ng/ul	98
6) Benzaldehyde	6.699	77	412721	75.06	ng/ul	99
8) Phenol	6.769	94	965276	90.28	ng/ul	100
10) Bis(2-Chloroethyl)ether	6.993	93	730611	87.55	ng/ul	99
12) 2-Chlorophenol	7.117	128	760536	90.69	ng/ul	100
13) 2-Methylphenol	8.005	108	729485	92.10	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.087	45	914562	80.47	ng/ul	99
16) Acetophenone	8.375	105	1091281	87.32	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.381	70	536208	89.54	ng/ul	99
18) 4-Methylphenol	8.346	108	775906	90.52	ng/ul	98
19) Hexachloroethane	8.611	117	284206	86.59	ng/ul	94
22) Nitrobenzene	8.752	77	839630	89.79	ng/ul	98
23) Isophorone	9.281	82	1574836	89.12	ng/ul	99
25) 2-Nitrophenol	9.452	139	457183	101.74	ng/ul	99
26) 2,4-Dimethylphenol	9.528	107	828852	84.75	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.763	93	956189	80.85	ng/ul	99
29) 2,4-Dichlorophenol	9.987	162	711836	87.62	ng/ul	96
30) Naphthalene	10.375	128	2392552	80.30	ng/ul	99
32) 4-Chloroaniline	10.499	127	1030854	81.12	ng/ul	99
33) Hexachlorobutadiene	10.663	225	426358	83.27	ng/ul	96
34) Caprolactam	11.293	113	278413m	104.29	ng/ul	
35) 4-Chloro-3-methylphenol	11.646	107	783651	90.67	ng/ul	96
36) 2-Methylnaphthalene	11.999	142	1572573	79.09	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.222	142	1595689	78.95	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.375	216	819210	80.67	ng/ul	100
40) Hexachlorocyclopentadiene	12.357	237	547430	87.33	ng/ul	99
41) 2,4,6-Trichlorophenol	12.628	196	565348	91.98	ng/ul	99
42) 2,4,5-Trichlorophenol	12.699	196	615449	90.80	ng/ul	98
43) 1,1'-Biphenyl	13.034	154	2043458	76.84	ng/ul	99
44) 2-Chloronaphthalene	13.069	162	1587934	78.14	ng/ul	97
45) 2-Nitroaniline	13.293	65	504527	105.13	ng/ul	96
47) Dimethylphthalate	13.681	163	2000778	81.46	ng/ul	100
48) 2,6-Dinitrotoluene	13.804	165	452274	103.60	ng/ul	96
50) Acenaphthylene	13.928	152	2591646	78.87	ng/ul	99
51) 3-Nitroaniline	14.128	138	478349	94.80	ng/ul	96
52) Acenaphthene	14.269	153	1663584	77.32	ng/ul	98
53) 2,4-Dinitrophenol	14.340	184	316455	127.37	ng/ul	97
55) 4-Nitrophenol	14.463	109	316693	95.44	ng/ul	98
56) Dibenzofuran	14.610	168	2326852	76.11	ng/ul	99
57) 2,4-Dinitrotoluene	14.593	165	636716	101.46	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.840	232	520407	98.58	ng/ul	98
59) Diethylphthalate	15.057	149	2030213	81.71	ng/ul	99
61) Fluorene	15.263	166	1761196	72.22	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.263	204	858112	71.68	ng/ul	97
63) 4-Nitroaniline	15.310	138	472114m	97.07	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.363	198	407718	105.75	ng/ul	99
67) N-Nitrosodiphenylamine	15.487	169	1675230	76.43	ng/ul	98
68) 4-Bromophenyl-phenylether	16.157	248	614792	82.58	ng/ul	96
69) Hexachlorobenzene	16.263	284	767236	89.59	ng/ul	100
70) Atrazine	16.457	200	666035	85.38	ng/ul	98
71) Pentachlorophenol	16.616	266	502686	102.17	ng/ul	98
72) Phenanthrene	17.004	178	3069940	75.59	ng/ul	98
74) Anthracene	17.098	178	3099832	75.71	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.993	216	859926	77.79	ng/uL	97
76) Pentachlorobenzene	14.528	250	860701	80.54	ng/uL	95
77) Carbazole	17.375	167	2940079	80.65	ng/ul	99
78) Di-n-butylphthalate	17.951	149	3490419	84.93	ng/ul	99
80) Fluoranthene	19.028	202	3677587	74.56	ng/ul	99
82) Pyrene	19.398	202	3637013	70.76	ng/ul	100
83) Butylbenzylphthalate	20.322	149	1714225	97.52	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.098	252	1357482	81.96	ng/ul	96
85) Benzo(a)anthracene	21.157	228	3833675	77.98	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.110	149	2260971	80.74	ng/ul	98
87) Chrysene	21.210	228	3599117	74.84	ng/ul	99
89) Di-n-octyl phthalate	21.986	149	4311798	74.42	ng/ul	100
90) Benzo(b)fluoranthene	22.727	252	4675847	77.96	ng/ul	98
91) Benzo(k)fluoranthene	22.775	252	4043507	70.38	ng/ul	99
93) Benzo(a)pyrene	23.304	252	4409530	75.74	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.639	276	5627055	101.44	ng/ul	98
95) Dibenzo(a,h)anthracene	25.668	278	4625162	80.99	ng/ul	98
96) Benzo(g,h,i)perylene	26.333	276	4875724	87.90	ng/ul	97

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

