

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101222\
 Data File : BN022064.D
 Acq On : 12 Oct 2022 14:36
 Operator : CG/JU
 Sample : SST08039
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST080249

Quant Time: Oct 13 02:16:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 13 02:12:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/13/2022
 Supervised By :mohammad ahmed 10/14/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	134575	20.000	ng/u1	0.00
20) Naphthalene-d8	10.792	136	654970	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	402244	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.392	188	820486	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	749296	20.000	ng/u1	0.00
88) Perylene-d12	24.068	264	868137	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	106071	29.831	ng/uL	0.00
4) Pyridine-d5	3.693	84	897149m	83.458	ng/u1	0.00
7) Phenol-d5	7.122	99	1093480	84.042	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	648617	77.867	ng/u1	0.00
11) 2-Chlorophenol-d4	7.487	132	797401	88.848	ng/u1	0.00
15) 4-Methylphenol-d8	8.693	113	871629	84.798	ng/u1	0.01
21) Nitrobenzene-d5	9.146	128	424419	91.292	ng/u1	0.00
24) 2-Nitrophenol-d4	9.875	143	462892	97.668	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	786870	87.789	ng/u1	0.00
31) 4-Chloroaniline-d4	10.940	131	1200823	79.334	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	2232298	78.966	ng/u1	0.00
49) Acenaphthylene-d8	14.333	160	2533200	82.366	ng/u1	0.00
54) 4-Nitrophenol-d4	14.857	143	500441	84.074	ng/u1	0.02
60) Fluorene-d10	15.633	176	1805084	75.428	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	416278	92.622	ng/u1	0.01
73) Anthracene-d10	17.498	188	2733798	77.148	ng/u1	0.01
81) Pyrene-d10	19.798	212	3020682	82.913	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.915	264	3263500	77.741	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	113806	29.542	ng/uL	98
5) Pyridine	3.711	79	884882m	81.904	ng/u1	
6) Benzaldehyde	7.093	77	491617	75.431	ng/u1	97
8) Phenol	7.152	94	1150384	83.082	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.387	93	879706	79.676	ng/u1	99
12) 2-Chlorophenol	7.522	128	838159	84.883	ng/u1	98
13) 2-Methylphenol	8.416	108	868887	84.721	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.504	45	1244512	75.384	ng/u1	99
16) Acetophenone	8.804	105	1310549	77.611	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.804	70	711685	80.536	ng/u1	98
18) 4-Methylphenol	8.757	108	951050	82.620	ng/u1	97
19) Hexachloroethane	9.051	117	321541	81.225	ng/u1	95
22) Nitrobenzene	9.193	77	1059301	82.929	ng/u1	98
23) Isophorone	9.728	82	2091231	83.767	ng/u1	100
25) 2-Nitrophenol	9.904	139	513892	91.480	ng/u1	100
26) 2,4-Dimethylphenol	9.969	107	1007557	83.148	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.210	93	1242197	78.589	ng/u1	99
29) 2,4-Dichlorophenol	10.440	162	806581	84.368	ng/u1	98
30) Naphthalene	10.845	128	2673660	75.212	ng/u1	99
32) 4-Chloroaniline	10.963	127	1237774	77.683	ng/u1	99
33) Hexachlorobutadiene	11.128	225	410274	77.552	ng/u1	97
34) Caprolactam	11.775	113	315626m	84.879	ng/u1	
35) 4-Chloro-3-methylphenol	12.098	107	969441	83.347	ng/u1	99
36) 2-Methylnaphthalene	12.463	142	1855076	76.646	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.681	142	1848575	75.572	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.828	216	847467	82.544	ng/ul	99
40) Hexachlorocyclopentadiene	12.798	237	503035	93.118	ng/ul	95
41) 2,4,6-Trichlorophenol	13.069	196	630731	91.159	ng/ul	92
42) 2,4,5-Trichlorophenol	13.145	196	684709	89.934	ng/ul	99
43) 1,1'-Biphenyl	13.475	154	2301368	78.468	ng/ul	98
44) 2-Chloronaphthalene	13.516	162	1779570	77.830	ng/ul#	87
45) 2-Nitroaniline	13.728	65	662014	93.994	ng/ul	98
47) Dimethylphthalate	14.104	163	2311682	76.962	ng/ul	100
48) 2,6-Dinitrotoluene	14.228	165	524499	97.837	ng/ul	95
50) Acenaphthylene	14.363	152	2774306	78.499	ng/ul	98
51) 3-Nitroaniline	14.557	138	571713	88.534	ng/ul	96
52) Acenaphthene	14.704	153	1901264	73.934	ng/ul	96
53) 2,4-Dinitrophenol	14.763	184	349414	94.630	ng/ul	98
55) 4-Nitrophenol	14.869	109	392448	80.577	ng/ul	99
56) Dibenzofuran	15.039	168	2529938	72.986	ng/ul	95
57) 2,4-Dinitrotoluene	15.010	165	734972	90.670	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.269	232	551752	85.316	ng/ul	91
59) Diethylphthalate	15.463	149	2404409	77.208	ng/ul	98
61) Fluorene	15.692	166	1939852	67.700	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.680	204	886593	68.152	ng/ul	93
63) 4-Nitroaniline	15.728	138	498374	77.565	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.780	198	424834	88.090	ng/ul#	93
67) N-Nitrosodiphenylamine	15.898	169	1828556	77.012	ng/ul	97
68) 4-Bromophenyl-phenylether	16.580	248	616426	83.578	ng/ul	86
69) Hexachlorobenzene	16.692	284	703673	80.470	ng/ul	96
70) Atrazine	16.863	200	636588	79.308	ng/ul	99
71) Pentachlorophenol	17.039	266	464873	87.586	ng/ul	92
72) Phenanthrene	17.439	178	3258988	72.943	ng/ul	98
74) Anthracene	17.533	178	3282509	73.780	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.439	216	860065	86.546	ng/uL	96
76) Pentachlorobenzene	14.957	250	868265	80.740	ng/uL	95
77) Carbazole	17.804	167	3176307	77.347	ng/ul	98
78) Di-n-butylphthalate	18.363	149	4151597	82.561	ng/ul	99
80) Fluoranthene	19.457	202	3726169	80.534	ng/ul	98
82) Pyrene	19.827	202	3602974	73.794	ng/ul	100
83) Butylbenzylphthalate	20.721	149	1973790	94.806	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.515	252	1291176	79.252	ng/ul	99
85) Benzo(a)anthracene	21.580	228	3610714m	76.705	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.498	149	2653313	87.770	ng/ul#	97
87) Chrysene	21.639	228	3406394	73.548	ng/ul	96
89) Di-n-octyl phthalate	22.445	149	4995636	82.516	ng/ul	100
90) Benzo(b)fluoranthene	23.315	252	4104543	74.884	ng/ul	96
91) Benzo(k)fluoranthene	23.368	252	3876264	71.701	ng/ul	98
93) Benzo(a)pyrene	23.968	252	3652664	75.474	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.680	276	4723278	76.874	ng/ul	96
95) Dibenzo(a,h)anthracene	26.709	278	4065881	73.174	ng/ul	99
96) Benzo(g,h,i)perylene	27.492	276	4274141	77.175	ng/ul	98

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

