

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101122\
 Data File : BN022055.D
 Acq On : 11 Oct 2022 16:56
 Operator : CG/JU
 Sample : SST08033
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST080242

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/12/2022
 Supervised By :mohammad ahmed 10/14/2022

Quant Time: Oct 12 04:05:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 03:00:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	109351	20.000	ng/u1	0.00
20) Naphthalene-d8	10.799	136	533270	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.640	164	339606	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.398	188	730376	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	671783	20.000	ng/u1	0.00
88) Perylene-d12	24.069	264	762811	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	86130	29.573	ng/uL	0.00
4) Pyridine-d5	3.699	84	722985m	91.081	ng/u1	0.00
7) Phenol-d5	7.128	99	894738	90.216	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	539878	89.929	ng/u1	0.00
11) 2-Chlorophenol-d4	7.493	132	643180	89.137	ng/u1	0.00
15) 4-Methylphenol-d8	8.693	113	704063	90.476	ng/u1	0.00
21) Nitrobenzene-d5	9.152	128	343434	94.525	ng/u1	0.00
24) 2-Nitrophenol-d4	9.881	143	371504	114.479	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	649404	90.358	ng/u1	0.00
31) 4-Chloroaniline-d4	10.946	131	991847	81.261	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	1889301	81.394	ng/u1	0.01
49) Acenaphthylene-d8	14.334	160	2177918	80.483	ng/u1	0.00
54) 4-Nitrophenol-d4	14.857	143	426442	92.323	ng/u1	0.02
60) Fluorene-d10	15.634	176	1595776	79.009	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	347088	118.810	ng/u1	0.01
73) Anthracene-d10	17.498	188	2438715	75.768	ng/u1	0.00
81) Pyrene-d10	19.798	212	2638087	82.576	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.916	264	3104304	85.858	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	92193	30.736	ng/uL	89
5) Pyridine	3.717	79	715183m	89.543	ng/u1	
6) Benzaldehyde	7.099	77	384605	89.252	ng/u1	99
8) Phenol	7.158	94	939759	91.696	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.387	93	719895	88.095	ng/u1	100
12) 2-Chlorophenol	7.528	128	686711	88.710	ng/u1	97
13) 2-Methylphenol	8.422	108	700040	89.899	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.511	45	1053131	102.173	ng/u1	100
16) Acetophenone	8.811	105	1099647	89.346	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.805	70	600044	97.912	ng/u1	99
18) 4-Methylphenol	8.764	108	779163	91.088	ng/u1	99
19) Hexachloroethane	9.058	117	265236	85.963	ng/u1	95
22) Nitrobenzene	9.193	77	876189	97.862	ng/u1	100
23) Isophorone	9.728	82	1750778	94.963	ng/u1	99
25) 2-Nitrophenol	9.911	139	419687	110.404	ng/u1	98
26) 2,4-Dimethylphenol	9.969	107	828773	88.043	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.211	93	1020782	88.413	ng/u1	99
29) 2,4-Dichlorophenol	10.446	162	655690	87.074	ng/u1	97
30) Naphthalene	10.852	128	2261601	81.449	ng/u1	99
32) 4-Chloroaniline	10.969	127	1044898	82.607	ng/u1	97
33) Hexachlorobutadiene	11.128	225	343996	79.296	ng/u1	93
34) Caprolactam	11.775	113	253685m	88.074	ng/u1	
35) 4-Chloro-3-methylphenol	12.099	107	802761	94.591	ng/u1	96
36) 2-Methylnaphthalene	12.469	142	1568607	83.509	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.687	142	1565892	82.950	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.834	216	700624	80.455	ng/ul	95
40) Hexachlorocyclopentadiene	12.810	237	391928	75.595	ng/ul	91
41) 2,4,6-Trichlorophenol	13.075	196	518145	95.893	ng/ul#	90
42) 2,4,5-Trichlorophenol	13.146	196	569437	96.049	ng/ul	96
43) 1,1'-Biphenyl	13.475	154	1990553	80.206	ng/ul	98
44) 2-Chloronaphthalene	13.516	162	1552678	81.719	ng/ul	99
45) 2-Nitroaniline	13.734	65	561735	117.876	ng/ul	98
47) Dimethylphthalate	14.104	163	1993716	83.970	ng/ul	99
48) 2,6-Dinitrotoluene	14.228	165	437166	107.323	ng/ul	99
50) Acenaphthylene	14.369	152	2415100	77.310	ng/ul	98
51) 3-Nitroaniline	14.557	138	454565	100.172	ng/ul	99
52) Acenaphthene	14.710	153	1671063	82.786	ng/ul	99
53) 2,4-Dinitrophenol	14.763	184	289724	145.291	ng/ul	97
55) 4-Nitrophenol	14.869	109	335993	90.744	ng/ul	97
56) Dibenzofuran	15.046	168	2232995	76.996	ng/ul	99
57) 2,4-Dinitrotoluene	15.016	165	623696	105.428	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.269	232	459031	100.874	ng/ul	96
59) Diethylphthalate	15.469	149	2069683	86.439	ng/ul	98
61) Fluorene	15.693	166	1721905	75.282	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.687	204	776017	73.598	ng/ul	92
63) 4-Nitroaniline	15.728	138	437760	96.127	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.781	198	371163	119.926	ng/ul#	92
67) N-Nitrosodiphenylamine	15.904	169	1622633	79.267	ng/ul	99
68) 4-Bromophenyl-phenylether	16.581	248	526538	81.059	ng/ul	97
69) Hexachlorobenzene	16.698	284	585627	75.737	ng/ul	98
70) Atrazine	16.863	200	581957	80.340	ng/ul	98
71) Pentachlorophenol	17.040	266	398565	92.584	ng/ul	92
72) Phenanthrene	17.440	178	2985240	77.380	ng/ul	99
74) Anthracene	17.534	178	2972786	77.387	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.440	216	718510	77.292	ng/uL	98
76) Pentachlorobenzene	14.957	250	727463	82.149	ng/uL	93
77) Carbazole	17.804	167	2858196	78.733	ng/ul	100
78) Di-n-butylphthalate	18.363	149	3647655	89.123	ng/ul	98
80) Fluoranthene	19.463	202	3389540	87.960	ng/ul	99
82) Pyrene	19.828	202	3414511	85.016	ng/ul	99
83) Butylbenzylphthalate	20.722	149	1777257	116.913	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.516	252	1201926	93.836	ng/ul	99
85) Benzo(a)anthracene	21.580	228	3280883	81.113	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.498	149	2418527	103.911	ng/ul	100
87) Chrysene	21.639	228	3123846	79.767	ng/ul	94
89) Di-n-octyl phthalate	22.451	149	4725552	105.757	ng/ul	100
90) Benzo(b)fluoranthene	23.316	252	3731227	80.400	ng/ul	96
91) Benzo(k)fluoranthene	23.369	252	3720531	89.621	ng/ul	96
93) Benzo(a)pyrene	23.974	252	3368355	75.860	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.698	276	4452221	81.675	ng/ul	99
95) Dibenzo(a,h)anthracene	26.716	278	3819182	83.020	ng/ul	98
96) Benzo(g,h,i)perylene	27.498	276	4064630	85.448	ng/ul	99

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

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