

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110221\
 Data File : BN017239.D
 Acq On : 02 Nov 2021 13:48
 Operator : CG/JU
 Sample : SST08040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST080240

Quant Time: Nov 02 15:46:02 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN110221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 02 15:36:06 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay

11/02/2021
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.511	152	175293	20.000	ng/u1	0.00
20) Naphthalene-d8	10.287	136	810636	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.169	164	524904	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.928	188	1114487	20.000	ng/u1	0.00
79) Chrysene-d12	21.145	240	1060944	20.000	ng/u1	0.00
88) Perylene-d12	23.339	264	1212989	20.000	ng/u1	0.00

11/08/2021

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.034	96	161649	33.404	ng/uL	0.00
4) Pyridine-d5	3.423	84	1180980	91.112	ng/u1	0.00
7) Phenol-d5	6.705	99	1557789	95.636	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	890433	92.100	ng/u1	0.00
11) 2-Chlorophenol-d4	7.052	132	1252598	97.784	ng/u1	0.00
15) 4-Methylphenol-d8	8.240	113	1261710	94.887	ng/u1	0.01
21) Nitrobenzene-d5	8.669	128	647111	103.077	ng/u1	0.00
24) 2-Nitrophenol-d4	9.387	143	737502	106.114	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.922	165	1239519	97.347	ng/u1	0.00
31) 4-Chloroaniline-d4	10.440	131	1790422	94.409	ng/u1	0.00
46) Dimethylphthalate-d6	13.599	166	3613625	91.960	ng/u1	0.00
49) Acenaphthylene-d8	13.863	160	4588098	92.621	ng/u1	0.00
54) 4-Nitrophenol-d4	14.410	143	759275	97.926	ng/u1	0.02
60) Fluorene-d10	15.175	176	3009161	89.657	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.316	200	702784	97.383	ng/u1	0.01
73) Anthracene-d10	17.028	188	4680830	86.992	ng/u1	0.00
81) Pyrene-d10	19.339	212	5282359	84.896	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.210	264	5972075	92.637	ng/u1	0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.070	88	162785	34.016	ng/uL	92
5) Pyridine	3.446	79	1183815	90.248	ng/u1	99
6) Benzaldehyde	6.664	77	807681	83.220	ng/u1	99
8) Phenol	6.734	94	1557986	94.548	ng/u1	98
10) Bis(2-Chloroethyl)ether	6.958	93	1213102	93.691	ng/u1	99
12) 2-Chlorophenol	7.081	128	1252572	94.556	ng/u1	100
13) 2-Methylphenol	7.969	108	1208127	96.367	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.058	45	1779530	93.682	ng/u1	99
16) Acetophenone	8.340	105	1833113	93.020	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.346	70	935159	94.529	ng/u1	97
18) 4-Methylphenol	8.311	108	1316149	95.027	ng/u1	95
19) Hexachloroethane	8.575	117	486111	95.286	ng/u1	96
22) Nitrobenzene	8.716	77	1368576	96.946	ng/u1	98
23) Isophorone	9.240	82	2736488	95.474	ng/u1	100
25) 2-Nitrophenol	9.416	139	769976	101.750	ng/u1	95
26) 2,4-Dimethylphenol	9.493	107	1428698	94.209	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.728	93	1682005	91.749	ng/u1	100
29) 2,4-Dichlorophenol	9.952	162	1205698	95.341	ng/u1	97
30) Naphthalene	10.340	128	3999053	90.672	ng/u1	99
32) 4-Chloroaniline	10.463	127	1786891	95.244	ng/u1	99
33) Hexachlorobutadiene	10.628	225	723896	94.004	ng/u1	96
34) Caprolactam	11.246	113	461259m	101.368	ng/u1	
35) 4-Chloro-3-methylphenol	11.610	107	1370061	97.375	ng/u1	99
36) 2-Methylnaphthalene	11.963	142	2757122	90.549	ng/u1	98

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37) 1-Methylnaphthalene	12.187	142	2777336	88.546	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.346	216	1420357	92.838	ng/ul	99
40) Hexachlorocyclopentadiene	12.322	237	943238	97.006	ng/ul	98
41) 2,4,6-Trichlorophenol	12.593	196	980313	98.824	ng/ul	95
42) 2,4,5-Trichlorophenol	12.663	196	1070466	96.904	ng/ul	94
43) 1,1'-Biphenyl	13.004	154	3605241	88.710	ng/ul	100
44) 2-Chloronaphthalene	13.034	162	2788266	90.085	ng/ul	99
45) 2-Nitroaniline	13.257	65	900250	106.847	ng/ul	95
47) Dimethylphthalate	13.651	163	3536822	89.619	ng/ul	100
48) 2,6-Dinitrotoluene	13.769	165	800987	103.360	ng/ul	99
50) Acenaphthylene	13.893	152	4567702	90.030	ng/ul	99
51) 3-Nitroaniline	14.098	138	820732	91.502	ng/ul	97
52) Acenaphthene	14.240	153	2952265	89.986	ng/ul	100
53) 2,4-Dinitrophenol	14.304	184	532859	107.506	ng/ul	95
55) 4-Nitrophenol	14.428	109	526761	96.274	ng/ul	94
56) Dibenzofuran	14.581	168	4053505	86.537	ng/ul	98
57) 2,4-Dinitrotoluene	14.563	165	1107081	99.059	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.810	232	903502	99.077	ng/ul	98
59) Diethylphthalate	15.028	149	3639413	92.480	ng/ul	100
61) Fluorene	15.228	166	3154674	85.439	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.234	204	1593695	87.778	ng/ul	98
63) 4-Nitroaniline	15.275	138	814470m	91.896	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.328	198	689931	95.820	ng/ul	98
67) N-Nitrosodiphenylamine	15.451	169	2951677	87.012	ng/ul	98
68) 4-Bromophenyl-phenylether	16.128	248	1092321	91.973	ng/ul	97
69) Hexachlorobenzene	16.234	284	1246518	90.193	ng/ul	96
70) Atrazine	16.422	200	1164305	93.539	ng/ul	97
71) Pentachlorophenol	16.581	266	810746	97.716	ng/ul	90
72) Phenanthrene	16.975	178	5382236	87.651	ng/ul	98
74) Anthracene	17.063	178	5337797	85.839	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.957	216	1470124	90.236	ng/ul	97
76) Pentachlorobenzene	14.498	250	1489721	90.294	ng/ul	98
77) Carbazole	17.345	167	4988410	90.861	ng/ul	99
78) Di-n-butylphthalate	17.922	149	6212835	95.734	ng/ul	99
80) Fluoranthene	18.998	202	6243421	84.026	ng/ul	96
82) Pyrene	19.369	202	6118875	80.453	ng/ul	99
83) Butylbenzylphthalate	20.298	149	2960972	104.558	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.075	252	2393825	101.359	ng/ul	97
85) Benzo(a)anthracene	21.128	228	6272126	89.805	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.086	149	4091486	95.728	ng/ul#	97
87) Chrysene	21.180	228	6008163	87.282	ng/ul	98
89) Di-n-octyl phthalate	21.957	149	7468312	84.238	ng/ul	100
90) Benzo(b)fluoranthene	22.692	252	7175489	87.624	ng/ul	99
91) Benzo(k)fluoranthene	22.733	252	6766895	84.952	ng/ul	98
93) Benzo(a)pyrene	23.257	252	6814749	86.486	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.568	276	8366701	104.086	ng/ul	98
95) Dibenzo(a,h)anthracene	25.592	278	6867502	101.073	ng/ul	99
96) Benzo(g,h,i)perylene	26.257	276	6976867	103.661	ng/ul	97

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

