

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010523\
 Data File : BN023557.D
 Acq On : 04 Jan 2023 17:53
 Operator : CG/JU
 Sample : SST08057
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST080221

Quant Time: Jan 05 02:37:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 05 02:34:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/05/2023
 Supervised By :mohammad ahmed 01/06/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	182215	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	810034	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.610	164	490556	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.357	188	1049553	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	851665	20.000	ng/u1	0.00
88) Perylene-d12	23.968	264	922098	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	128812	29.248	ng/uL	0.00
4) Pyridine-d5	3.722	84	1025812	78.904	ng/u1	0.00
7) Phenol-d5	7.116	99	1323018	78.067	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	783987	79.495	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	1041371	81.548	ng/u1	0.00
15) 4-Methylphenol-d8	8.681	113	1055160	77.547	ng/u1	0.01
21) Nitrobenzene-d5	9.128	128	537707	85.916	ng/u1	0.00
24) 2-Nitrophenol-d4	9.851	143	609660	92.488	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.392	165	1045000	83.977	ng/u1	0.00
31) 4-Chloroaniline-d4	10.916	131	1531888	76.506	ng/u1	0.00
46) Dimethylphthalate-d6	14.022	166	2936474	79.878	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	3373630	81.831	ng/u1	0.00
54) 4-Nitrophenol-d4	14.822	143	608277	74.085	ng/u1	0.02
60) Fluorene-d10	15.604	176	2402752	76.728	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	561467	90.877	ng/u1	0.02
73) Anthracene-d10	17.457	188	3654192	77.688	ng/u1	0.00
81) Pyrene-d10	19.751	212	4057695	87.585	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.821	264	3788069	83.813	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	135853	29.764	ng/uL	98
5) Pyridine	3.746	79	1036419	78.019	ng/u1	94
6) Benzaldehyde	7.081	77	486956	80.217	ng/u1	98
8) Phenol	7.146	94	1331509	77.782	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.375	93	1038214	78.086	ng/u1	98
12) 2-Chlorophenol	7.510	128	1050975	80.132	ng/u1	99
13) 2-Methylphenol	8.404	108	1015175	77.941	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.493	45	1383007	82.129	ng/u1	98
16) Acetophenone	8.787	105	1574779	76.492	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.793	70	830651	80.574	ng/u1	99
18) 4-Methylphenol	8.746	108	1110397	76.823	ng/u1	99
19) Hexachloroethane	9.034	117	417646	82.679	ng/u1	95
22) Nitrobenzene	9.175	77	1252158	83.439	ng/u1	98
23) Isophorone	9.710	82	2379549	84.065	ng/u1	99
25) 2-Nitrophenol	9.887	139	629857	87.609	ng/u1	99
26) 2,4-Dimethylphenol	9.945	107	1188082	81.638	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.187	93	1437317	79.379	ng/u1	99
29) 2,4-Dichlorophenol	10.422	162	1018858	82.741	ng/u1	97
30) Naphthalene	10.822	128	3378210	78.064	ng/u1	100
32) 4-Chloroaniline	10.940	127	1521137	76.145	ng/u1	99
33) Hexachlorobutadiene	11.104	225	595553	84.837	ng/u1	98
34) Caprolactam	11.751	113	354841m	74.113	ng/u1	
35) 4-Chloro-3-methylphenol	12.069	107	1132814	81.220	ng/u1	99
36) 2-Methylnaphthalene	12.434	142	2286523	78.396	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.651	142	2299956	76.521	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.804	216	1161645	83.722	ng/u1	97
40) Hexachlorocyclopentadiene	12.781	237	823878	98.716	ng/u1	97
41) 2,4,6-Trichlorophenol	13.045	196	831685	87.144	ng/u1	92
42) 2,4,5-Trichlorophenol	13.116	196	894467	84.681	ng/u1	91
43) 1,1'-Biphenyl	13.445	154	2957983	79.799	ng/u1	99
44) 2-Chloronaphthalene	13.486	162	2333585	80.842	ng/u1	99
45) 2-Nitroaniline	13.698	65	755930	90.367	ng/u1	96
47) Dimethylphthalate	14.075	163	2948307	79.480	ng/u1	100
48) 2,6-Dinitrotoluene	14.198	165	657292	91.520	ng/u1	93
50) Acenaphthylene	14.333	152	3564931	78.633	ng/u1	99
51) 3-Nitroaniline	14.522	138	577981	79.036	ng/u1	97
52) Acenaphthene	14.675	153	2463153	78.150	ng/u1	99
53) 2,4-Dinitrophenol	14.728	184	420649	91.917	ng/u1	96
55) 4-Nitrophenol	14.839	109	472738	77.848	ng/u1	99
56) Dibenzofuran	15.010	168	3339958	76.110	ng/u1	97
57) 2,4-Dinitrotoluene	14.980	165	904195	85.290	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.233	232	748609	81.861	ng/u1	99
59) Diethylphthalate	15.433	149	2961353	80.249	ng/u1	99
61) Fluorene	15.657	166	2568943	72.292	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.651	204	1264894	74.268	ng/u1	98
63) 4-Nitroaniline	15.692	138	536197	75.291	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.745	198	540151	89.552	ng/u1	96
67) N-Nitrosodiphenylamine	15.869	169	2293859	78.970	ng/u1	99
68) 4-Bromophenyl-phenylether	16.545	248	843761	83.317	ng/u1	92
69) Hexachlorobenzene	16.663	284	980685	82.826	ng/u1	98
70) Atrazine	16.827	200	882957	83.182	ng/u1	98
71) Pentachlorophenol	17.004	266	672499	86.015	ng/u1	98
72) Phenanthrene	17.398	178	4197641	75.583	ng/u1	99
74) Anthracene	17.498	178	4177673	75.391	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.410	216	1171140	89.728	ng/uL	98
76) Pentachlorobenzene	14.928	250	1129460	85.396	ng/uL	98
77) Carbazole	17.763	167	3935002	77.117	ng/u1	99
78) Di-n-butylphthalate	18.327	149	4975773	82.126	ng/u1	100
80) Fluoranthene	19.416	202	4845140	89.922	ng/u1	99
82) Pyrene	19.786	202	4800267	84.809	ng/u1	99
83) Butylbenzylphthalate	20.674	149	2286544	97.620	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.462	252	1535224	82.029	ng/u1	97
85) Benzo(a)anthracene	21.527	228	4602059	80.653	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.451	149	3084189	93.125	ng/u1	98
87) Chrysene	21.586	228	4218609	78.342	ng/u1	98
89) Di-n-octyl phthalate	22.386	149	5446082	97.529	ng/u1	100
90) Benzo(b)fluoranthene	23.233	252	4703452	80.872	ng/u1	98
91) Benzo(k)fluoranthene	23.292	252	4500105	81.306	ng/u1	99
93) Benzo(a)pyrene	23.874	252	4129097	82.611	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.521	276	5031388m	79.460	ng/u1	
95) Dibenzo(a,h)anthracene	26.539	278	4075469	78.939	ng/u1	99
96) Benzo(g,h,i)perylene	27.303	276	4090278	81.644	ng/u1	98

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

