

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020623\
 Data File : BN023950.D
 Acq On : 06 Feb 2023 13:30
 Operator : CG/JU
 Sample : SST04068
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST040234

Quant Time: Feb 06 14:09:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 06 14:07:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2023
 Supervised By :mohammad ahmed 02/07/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	158030	20.000	ng/u1	0.00
20) Naphthalene-d8	10.651	136	628811	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.498	164	387372	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	781951	20.000	ng/u1	0.00
79) Chrysene-d12	21.439	240	621066	20.000	ng/u1	0.00
88) Perylene-d12	23.839	264	655233	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	60488	15.246	ng/uL	0.00
4) Pyridine-d5	3.652	84	434007	40.998	ng/u1	0.00
7) Phenol-d5	7.010	99	536140	39.821	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	338857	38.376	ng/u1	0.00
11) 2-Chlorophenol-d4	7.369	132	428283	41.246	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	427472	39.632	ng/u1	0.00
21) Nitrobenzene-d5	9.016	128	214332	44.565	ng/u1	0.00
24) 2-Nitrophenol-d4	9.734	143	242169	45.142	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	440838	43.017	ng/u1	0.00
31) 4-Chloroaniline-d4	10.798	131	584994	39.664	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	1198171	39.839	ng/u1	0.00
49) Acenaphthylene-d8	14.192	160	1391853	43.025	ng/u1	0.00
54) 4-Nitrophenol-d4	14.710	143	207379	39.925	ng/u1	0.00
60) Fluorene-d10	15.492	176	1005564	39.415	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	218717	44.029	ng/u1	0.00
73) Anthracene-d10	17.345	188	1445241	41.031	ng/u1	0.00
81) Pyrene-d10	19.639	212	1583572	42.849	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.674	264	1404556	42.590	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	61778	14.464	ng/uL	94
5) Pyridine	3.669	79	428142	39.195	ng/u1	96
6) Benzaldehyde	6.981	77	274939	44.885	ng/u1	97
8) Phenol	7.040	94	537325	39.132	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.269	93	439501	38.684	ng/u1	99
12) 2-Chlorophenol	7.404	128	426955	40.221	ng/u1	98
13) 2-Methylphenol	8.293	108	404796	39.178	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.381	45	556152	38.493	ng/u1	99
16) Acetophenone	8.675	105	653310	37.315	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.669	70	353925	38.696	ng/u1	96
18) 4-Methylphenol	8.628	108	440807	38.729	ng/u1	99
19) Hexachloroethane	8.922	117	181744	41.445	ng/u1	94
22) Nitrobenzene	9.057	77	533273	42.732	ng/u1	99
23) Isophorone	9.587	82	987312	42.340	ng/u1	99
25) 2-Nitrophenol	9.769	139	256098	45.587	ng/u1	95
26) 2,4-Dimethylphenol	9.834	107	485242	41.598	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.069	93	590544	40.261	ng/u1	98
29) 2,4-Dichlorophenol	10.298	162	428980	43.135	ng/u1	98
30) Naphthalene	10.698	128	1377109	40.829	ng/u1	100
32) 4-Chloroaniline	10.822	127	569370	38.337	ng/u1	98
33) Hexachlorobutadiene	10.981	225	298946	41.657	ng/u1	94
34) Caprolactam	11.616	113	119511m	39.709	ng/u1	
35) 4-Chloro-3-methylphenol	11.951	107	444565	41.310	ng/u1	99
36) 2-Methylnaphthalene	12.316	142	930355	40.634	ng/u1	99

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37) 1-Methylnaphthalene	12.534	142	942685	40.284	ng/u1	94
39) 1,2,4,5-Tetrachloroben...	12.687	216	571400	43.907	ng/u1	97
40) Hexachlorocyclopentadiene	12.657	237	385670	44.230	ng/u1	95
41) 2,4,6-Trichlorophenol	12.928	196	363959	44.163	ng/u1	92
42) 2,4,5-Trichlorophenol	12.998	196	396107	44.282	ng/u1	99
43) 1,1'-Biphenyl	13.328	154	1254460	41.161	ng/u1	99
44) 2-Chloronaphthalene	13.369	162	978068	41.530	ng/u1	99
45) 2-Nitroaniline	13.586	65	294482	45.086	ng/u1	94
47) Dimethylphthalate	13.963	163	1187514	39.470	ng/u1	100
48) 2,6-Dinitrotoluene	14.086	165	252851	45.559	ng/u1	97
50) Acenaphthylene	14.222	152	1430975	40.845	ng/u1	97
51) 3-Nitroaniline	14.410	138	216951	42.869	ng/u1	99
52) Acenaphthene	14.557	153	986282	39.885	ng/u1	99
53) 2,4-Dinitrophenol	14.616	184	161653	46.339	ng/u1	97
55) 4-Nitrophenol	14.728	109	182882	38.939	ng/u1	99
56) Dibenzofuran	14.898	168	1396450	39.628	ng/u1	99
57) 2,4-Dinitrotoluene	14.869	165	335982	42.338	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.122	232	329871	40.746	ng/u1	96
59) Diethylphthalate	15.322	149	1147021	38.909	ng/u1	100
61) Fluorene	15.545	166	1130757	38.710	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.539	204	603307	39.459	ng/u1	96
63) 4-Nitroaniline	15.581	138	192872m	45.344	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.633	198	214125	43.616	ng/u1	98
67) N-Nitrosodiphenylamine	15.757	169	942432	42.775	ng/u1	99
68) 4-Bromophenyl-phenylether	16.433	248	378638	42.219	ng/u1	92
69) Hexachlorobenzene	16.545	284	444536	42.809	ng/u1	96
70) Atrazine	16.716	200	355843	40.629	ng/u1	97
71) Pentachlorophenol	16.898	266	265912	42.335	ng/u1	95
72) Phenanthrene	17.286	178	1662182	39.989	ng/u1	98
74) Anthracene	17.380	178	1694363	40.697	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.292	216	547226	46.853	ng/uL	98
76) Pentachlorobenzene	14.816	250	529923	43.943	ng/uL	98
77) Carbazole	17.657	167	1415060	38.497	ng/u1	100
78) Di-n-butylphthalate	18.216	149	1920424	28.217	ng/u1	100
80) Fluoranthene	19.304	202	1882164	42.823	ng/u1	99
82) Pyrene	19.669	202	1920168	42.699	ng/u1	99
83) Butylbenzylphthalate	20.574	149	775366	45.888	ng/u1	96
84) 3,3'-Dichlorobenzidine	21.363	252	618018	42.693	ng/u1	92
85) Benzo(a)anthracene	21.427	228	1778323	41.562	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.351	149	1148201	46.184	ng/u1	99
87) Chrysene	21.480	228	1642956	41.750	ng/u1	99
89) Di-n-octyl phthalate	22.274	149	1880655	42.432	ng/u1	100
90) Benzo(b)fluoranthene	23.110	252	1752022	40.624	ng/u1	98
91) Benzo(k)fluoranthene	23.157	252	1695278	41.138	ng/u1	97
93) Benzo(a)pyrene	23.727	252	1496547	41.551	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.321	276	2011005	44.181	ng/u1	98
95) Dibenzo(a,h)anthracene	26.333	278	1697835	44.941	ng/u1	97
96) Benzo(g,h,i)perylene	27.080	276	1648140	45.520	ng/u1	99

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

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