

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122022\
 Data File : BN023303.D
 Acq On : 20 Dec 2022 17:56
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020377

Quant Time: Dec 21 04:15:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 21 04:11:00 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/21/2022
 Supervised By :mohammad ahmed 12/21/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	347974	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	1632698	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	1064110	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.392	188	2364938	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	2074419	20.000	ng/u1	0.00
88) Perylene-d12	24.033	264	2100627	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	57918	6.886	ng/uL	0.00
4) Pyridine-d5	3.769	84	456466	18.386	ng/u1	0.00
7) Phenol-d5	7.157	99	628174	19.410	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	367757	19.527	ng/u1	0.00
11) 2-Chlorophenol-d4	7.522	132	500315	20.516	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	514964	19.818	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	261681	20.744	ng/u1	0.00
24) 2-Nitrophenol-d4	9.898	143	291933	21.972	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	520260	20.742	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	777131	19.256	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	1562429	19.593	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	1825967	20.418	ng/u1	0.00
54) 4-Nitrophenol-d4	14.845	143	332081	18.645	ng/u1	0.00
60) Fluorene-d10	15.639	176	1354771	19.944	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	280936	20.180	ng/u1	0.00
73) Anthracene-d10	17.492	188	2120721	20.009	ng/u1	0.00
81) Pyrene-d10	19.786	212	2505758	22.206	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.874	264	2156618	20.946	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	61539	7.060	ng/uL	95
5) Pyridine	3.793	79	459819	18.125	ng/u1	97
6) Benzaldehyde	7.128	77	261221	22.533	ng/u1	98
8) Phenol	7.181	94	632070	19.335	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.416	93	492158	19.383	ng/u1	99
12) 2-Chlorophenol	7.557	128	507393	20.258	ng/u1	99
13) 2-Methylphenol	8.446	108	487589	19.603	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.528	45	627525	19.514	ng/u1	99
16) Acetophenone	8.828	105	785872	19.989	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.816	70	400605	20.348	ng/u1	99
18) 4-Methylphenol	8.781	108	546460	19.797	ng/u1	97
19) Hexachloroethane	9.087	117	198248	20.551	ng/u1	94
22) Nitrobenzene	9.210	77	596570	19.723	ng/u1	99
23) Isophorone	9.740	82	1152880	20.207	ng/u1	100
25) 2-Nitrophenol	9.928	139	306998	21.186	ng/u1	98
26) 2,4-Dimethylphenol	9.987	107	586302	19.988	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.228	93	695989	19.070	ng/u1	98
29) 2,4-Dichlorophenol	10.463	162	508727	20.497	ng/u1	98
30) Naphthalene	10.869	128	1695836	19.442	ng/u1	100
32) 4-Chloroaniline	10.981	127	775048	19.249	ng/u1	98
33) Hexachlorobutadiene	11.151	225	301250	21.291	ng/u1	97
34) Caprolactam	11.763	113	187205m	19.399	ng/u1	
35) 4-Chloro-3-methylphenol	12.104	107	564031	20.063	ng/u1	97
36) 2-Methylnaphthalene	12.475	142	1171659	19.930	ng/u1	98

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37) 1-Methylnaphthalene	12.698	142	1202151	19.844	ng/u1	96
39) 1,2,4,5-Tetrachloroben...	12.845	216	613253	20.375	ng/u1	97
40) Hexachlorocyclopentadiene	12.822	237	332468	18.364	ng/u1	96
41) 2,4,6-Trichlorophenol	13.081	196	426322	20.593	ng/u1	97
42) 2,4,5-Trichlorophenol	13.151	196	472179	20.608	ng/u1	96
43) 1,1'-Biphenyl	13.487	154	1569600	19.521	ng/u1	98
44) 2-Chloronaphthalene	13.528	162	1227569	19.605	ng/u1	98
45) 2-Nitroaniline	13.734	65	373700	20.595	ng/u1	97
47) Dimethylphthalate	14.104	163	1562971	19.424	ng/u1	100
48) 2,6-Dinitrotoluene	14.228	165	339405	21.786	ng/u1	95
50) Acenaphthylene	14.369	152	1943416	19.762	ng/u1	99
51) 3-Nitroaniline	14.557	138	321695	20.280	ng/u1	97
52) Acenaphthene	14.716	153	1331229	19.471	ng/u1	99
53) 2,4-Dinitrophenol	14.757	184	194423	19.585	ng/u1	93
55) 4-Nitrophenol	14.863	109	243826	18.510	ng/u1	92
56) Dibenzofuran	15.045	168	1858128	19.520	ng/u1	99
57) 2,4-Dinitrotoluene	15.010	165	479442	20.848	ng/u1	94
58) 2,3,4,6-Tetrachlorophenol	15.269	232	408589	20.597	ng/u1	98
59) Diethylphthalate	15.469	149	1555482	19.432	ng/u1	99
61) Fluorene	15.698	166	1491758	19.352	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.686	204	728034	19.706	ng/u1	99
63) 4-Nitroaniline	15.716	138	317788	20.571	ng/u1	100
66) 4,6-Dinitro-2-methylph...	15.775	198	284751	20.951	ng/u1	97
67) N-Nitrosodiphenylamine	15.904	169	1313499	20.068	ng/u1	96
68) 4-Bromophenyl-phenylether	16.580	248	463974	20.333	ng/u1	97
69) Hexachlorobenzene	16.698	284	553432	20.744	ng/u1	98
70) Atrazine	16.857	200	490000	20.487	ng/u1	97
71) Pentachlorophenol	17.045	266	361588	20.525	ng/u1	98
72) Phenanthrene	17.439	178	2465218	19.700	ng/u1	99
74) Anthracene	17.528	178	2491221	19.952	ng/u1	98
75) 1,2,3,4-Tetrachloroben...	13.451	216	607530	20.657	ng/uL	99
76) Pentachlorobenzene	14.963	250	611195	20.508	ng/uL	94
77) Carbazole	17.798	167	2373163	20.640	ng/u1	99
78) Di-n-butylphthalate	18.363	149	2842307	20.820	ng/u1	100
80) Fluoranthene	19.451	202	2928963	22.318	ng/u1	98
82) Pyrene	19.816	202	3043390	22.075	ng/u1	97
83) Butylbenzylphthalate	20.710	149	1366877	23.959	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.498	252	945488	20.741	ng/u1	97
85) Benzo(a)anthracene	21.563	228	2901195	20.875	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.486	149	1949631	24.169	ng/u1	100
87) Chrysene	21.621	228	2730913	20.821	ng/u1	97
89) Di-n-octyl phthalate	22.427	149	3299498	25.937	ng/u1	100
90) Benzo(b)fluoranthene	23.280	252	2712384	20.472	ng/u1	99
91) Benzo(k)fluoranthene	23.333	252	2621294	20.790	ng/u1	99
93) Benzo(a)pyrene	23.927	252	2321752	20.390	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.598	276	2643724	18.328	ng/u1	97
95) Dibenzo(a,h)anthracene	26.615	278	2185766	18.584	ng/u1	98
96) Benzo(g,h,i)perylene	27.392	276	2064177	18.086	ng/u1	96

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

