

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
 Data File : BN024583.D
 Acq On : 28 Mar 2023 13:20
 Operator : CG/JU
 Sample : SST08087
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST080207

Quant Time: Mar 29 02:48:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 29 02:40:27 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/29/2023
 Supervised By :Jagrut Upadhyay 03/29/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	355835	20.000	ng/u1	0.00
20) Naphthalene-d8	10.822	136	1603394	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.645	164	994640	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.392	188	2102487	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	1906426	20.000	ng/u1	0.00
88) Perylene-d12	24.057	264	2177256	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	288983	31.487	ng/uL	0.00
4) Pyridine-d5	3.793	84	2179555	82.243	ng/u1	0.00
7) Phenol-d5	7.163	99	2789942	82.849	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	1728333	79.478	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	2092712	83.823	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	2209629	82.046	ng/u1	0.02
21) Nitrobenzene-d5	9.181	128	1112780	87.694	ng/u1	0.01
24) 2-Nitrophenol-d4	9.904	143	1237566	90.102	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.446	165	2101840	84.253	ng/u1	0.01
31) 4-Chloroaniline-d4	10.963	131	3089100	81.153	ng/u1	0.01
46) Dimethylphthalate-d6	14.057	166	5959725	77.918	ng/u1	0.01
49) Acenaphthylene-d8	14.345	160	7038547	80.815	ng/u1	0.01
54) 4-Nitrophenol-d4	14.857	143	1341065	83.772	ng/u1	0.02
60) Fluorene-d10	15.639	176	5017457	76.454	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	1181933	85.349	ng/u1	0.02
73) Anthracene-d10	17.492	188	7587043	76.724	ng/u1	0.00
81) Pyrene-d10	19.786	212	8346734	75.721	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.904	264	8970524	81.313	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	312551	31.606	ng/uL	98
5) Pyridine	3.816	79	2244627	81.371	ng/u1	96
6) Benzaldehyde	7.140	77	976939	63.560	ng/u1	98
8) Phenol	7.193	94	2839293	81.225	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.428	93	2197032	79.706	ng/u1	96
12) 2-Chlorophenol	7.569	128	2153637	82.683	ng/u1	100
13) 2-Methylphenol	8.452	108	2160306	82.758	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.534	45	3908377	79.819	ng/u1	99
16) Acetophenone	8.840	105	3291868	78.301	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.840	70	1777111	80.322	ng/u1	99
18) 4-Methylphenol	8.793	108	2358601	81.384	ng/u1	98
19) Hexachloroethane	9.093	117	849092	82.537	ng/u1	93
22) Nitrobenzene	9.222	77	2695339	81.775	ng/u1	97
23) Isophorone	9.757	82	5101389	83.268	ng/u1	98
25) 2-Nitrophenol	9.934	139	1274048	85.322	ng/u1	97
26) 2,4-Dimethylphenol	9.993	107	2517954	81.180	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.234	93	3051053	77.603	ng/u1	100
29) 2,4-Dichlorophenol	10.469	162	2071159	81.853	ng/u1	96
30) Naphthalene	10.875	128	6893626	77.375	ng/u1	99
32) 4-Chloroaniline	10.987	127	3122600	81.009	ng/u1	99
33) Hexachlorobutadiene	11.157	225	1133985	77.818	ng/u1	92
34) Caprolactam	11.798	113	729464m	83.701	ng/u1	
35) 4-Chloro-3-methylphenol	12.110	107	2389512	82.599	ng/u1	97
36) 2-Methylnaphthalene	12.475	142	4604375	77.194	ng/u1	98

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37) 1-Methylnaphthalene	12.698	142	4527758	76.613	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.845	216	2268137	76.928	ng/u1	95
40) Hexachlorocyclopentadiene	12.822	237	1579952	85.153	ng/u1	99
41) 2,4,6-Trichlorophenol	13.081	196	1657897	84.400	ng/u1	98
42) 2,4,5-Trichlorophenol	13.157	196	1795906	83.185	ng/u1	96
43) 1,1'-Biphenyl	13.481	154	5995080	75.864	ng/u1	99
44) 2-Chloronaphthalene	13.528	162	4778181	77.453	ng/u1	99
45) 2-Nitroaniline	13.734	65	1741302	90.845	ng/u1	96
47) Dimethylphthalate	14.104	163	6016230	77.456	ng/u1	100
48) 2,6-Dinitrotoluene	14.228	165	1327493	90.228	ng/u1	99
50) Acenaphthylene	14.375	152	7318583	76.751	ng/u1	98
51) 3-Nitroaniline	14.557	138	1221350	78.099	ng/u1	97
52) Acenaphthene	14.710	153	5060674	76.160	ng/u1	95
53) 2,4-Dinitrophenol	14.757	184	905145	90.572	ng/u1	97
55) 4-Nitrophenol	14.869	109	995175	81.251	ng/u1	97
56) Dibenzofuran	15.045	168	6983890	75.532	ng/u1	99
57) 2,4-Dinitrotoluene	15.016	165	1901811	88.234	ng/u1	92
58) 2,3,4,6-Tetrachlorophenol	15.269	232	1507350	83.782	ng/u1	95
59) Diethylphthalate	15.469	149	6042207	79.496	ng/u1	100
61) Fluorene	15.698	166	5400216	72.840	ng/u1	96
62) 4-Chlorophenyl-phenyle...	15.681	204	2508751	71.320	ng/u1	98
63) 4-Nitroaniline	15.728	138	1177093	76.405	ng/u1	100
66) 4,6-Dinitro-2-methylph...	15.781	198	1156888	84.479	ng/u1#	94
67) N-Nitrosodiphenylamine	15.898	169	4831350	76.844	ng/u1	99
68) 4-Bromophenyl-phenylether	16.581	248	1667500	79.463	ng/u1	96
69) Hexachlorobenzene	16.698	284	1911002	77.379	ng/u1	98
70) Atrazine	16.857	200	1723371	80.230	ng/u1	97
71) Pentachlorophenol	17.039	266	1304395	86.402	ng/u1	96
72) Phenanthrene	17.439	178	8806631	74.749	ng/u1	99
74) Anthracene	17.528	178	8850228	74.774	ng/u1	97
75) 1,2,3,4-Tetrachloroben...	13.451	216	2400668	79.866	ng/uL	98
76) Pentachlorobenzene	14.963	250	2277200	77.990	ng/uL	98
77) Carbazole	17.798	167	8387662	78.817	ng/u1	99
78) Di-n-butylphthalate	18.351	149	9888346	81.998	ng/u1	99
80) Fluoranthene	19.451	202	9810300	75.047	ng/u1	99
82) Pyrene	19.816	202	10229097	74.229	ng/u1	99
83) Butylbenzylphthalate	20.698	149	4653173	88.681	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.492	252	3412916	76.584	ng/u1	95
85) Benzo(a)anthracene	21.568	228	10354397	76.886	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.474	149	6400053	87.482	ng/u1#	100
87) Chrysene	21.621	228	9370902	73.537	ng/u1	99
89) Di-n-octyl phthalate	22.427	149	11625751	88.159	ng/u1	100
90) Benzo(b)fluoranthene	23.304	252	11087223	77.768	ng/u1	97
91) Benzo(k)fluoranthene	23.357	252	10465198	76.891	ng/u1	100
93) Benzo(a)pyrene	23.957	252	9733146	77.962	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.656	276	12714468m	79.732	ng/u1	
95) Dibenzo(a,h)anthracene	26.680	278	10219740m	77.201	ng/u1	
96) Benzo(g,h,i)perylene	27.468	276	10649475m	80.570	ng/u1	

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

