

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032124\
 Data File : BN030440.D
 Acq On : 21 Mar 2024 10:21
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020327

Quant Time: Mar 21 15:16:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 21 00:37:15 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024
 Supervised By :mohammad ahmed 04/03/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	470977	20.000	ng/u1	0.00
20) Naphthalene-d8	10.510	136	2140018	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.369	164	1359941	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	2715408	20.000	ng/u1	0.00
79) Chrysene-d12	21.363	240	2351846	20.000	ng/u1	0.00
88) Perylene-d12	24.333	264	2323300	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	100149	7.791	ng/uL	0.00
4) Pyridine-d5	3.622	84	733381	19.681	ng/u1	0.00
7) Phenol-d5	6.881	99	902481	19.606	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	571737	20.514	ng/u1	0.00
11) 2-Chlorophenol-d4	7.258	132	694376	20.668	ng/u1	0.00
15) 4-Methylphenol-d8	8.422	113	729744	20.259	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	345306	21.133	ng/u1	0.00
24) 2-Nitrophenol-d4	9.599	143	314146	21.700	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	674906	20.623	ng/u1	0.00
31) 4-Chloroaniline-d4	10.646	131	1085312	20.351	ng/u1	0.00
46) Dimethylphthalate-d6	13.787	166	2103052	19.735	ng/u1	0.00
49) Acenaphthylene-d8	14.057	160	2496288	20.104	ng/u1	0.00
54) 4-Nitrophenol-d4	14.557	143	391043	19.406	ng/u1	0.00
60) Fluorene-d10	15.363	176	1780514	19.610	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	218989	18.095	ng/u1	0.00
73) Anthracene-d10	17.216	188	2730128	20.700	ng/u1	0.00
81) Pyrene-d10	19.516	212	2978586	20.667	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.127	264	2495641	20.242	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	103838	7.860	ng/uL	100
5) Pyridine	3.640	79	747090	19.844	ng/u1	100
6) Benzaldehyde	6.869	77	536121	24.982	ng/u1	99
8) Phenol	6.910	94	928473	19.891	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.157	93	778702	20.451	ng/u1	98
12) 2-Chlorophenol	7.287	128	726770	20.832	ng/u1	97
13) 2-Methylphenol	8.157	108	712173	20.185	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.252	45	1022475	20.390	ng/u1	100
16) Acetophenone	8.546	105	1189127	21.073	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.534	70	612193	20.755	ng/u1	99
18) 4-Methylphenol	8.487	108	778856	20.345	ng/u1	97
19) Hexachloroethane	8.799	117	294980	20.597	ng/u1	96
22) Nitrobenzene	8.922	77	863571	20.876	ng/u1	99
23) Isophorone	9.446	82	1783893	20.079	ng/u1	99
25) 2-Nitrophenol	9.628	139	373455	21.877	ng/u1	98
26) 2,4-Dimethylphenol	9.687	107	796705	20.138	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.934	93	1084912	20.323	ng/u1	99
29) 2,4-Dichlorophenol	10.151	162	678283	20.751	ng/u1	99
30) Naphthalene	10.563	128	2464815	20.241	ng/u1	100
32) 4-Chloroaniline	10.669	127	1048313	20.410	ng/u1	100
33) Hexachlorobutadiene	10.846	225	401992	20.123	ng/u1	96
34) Caprolactam	11.428	113	253095m	19.747	ng/u1	
35) 4-Chloro-3-methylphenol	11.793	107	788889	20.494	ng/u1	96
36) 2-Methylnaphthalene	12.181	142	1686538	20.393	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.398	142	1676375	20.604	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.545	216	834850	20.381	ng/ul	96
40) Hexachlorocyclopentadiene	12.528	237	440935	19.092	ng/ul	98
41) 2,4,6-Trichlorophenol	12.787	196	523070	20.292	ng/ul	100
42) 2,4,5-Trichlorophenol	12.851	196	568343	20.324	ng/ul	93
43) 1,1'-Biphenyl	13.204	154	2144737	19.735	ng/ul	99
44) 2-Chloronaphthalene	13.240	162	1711824	19.952	ng/ul	100
45) 2-Nitroaniline	13.445	65	475207	21.181	ng/ul	100
47) Dimethylphthalate	13.834	163	2140727	19.785	ng/ul	99
48) 2,6-Dinitrotoluene	13.945	165	401054	21.569	ng/ul	100
50) Acenaphthylene	14.087	152	2855659	19.932	ng/ul	99
51) 3-Nitroaniline	14.269	138	444828	20.743	ng/ul	98
52) Acenaphthene	14.434	153	1855586	19.839	ng/ul	96
53) 2,4-Dinitrophenol	14.475	184	127496	15.264	ng/ul	96
55) 4-Nitrophenol	14.569	109	301124	19.347	ng/ul	96
56) Dibenzofuran	14.769	168	2540455	20.110	ng/ul	98
57) 2,4-Dinitrotoluene	14.734	165	584900	21.651	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.986	232	463196	20.151	ng/ul#	93
59) Diethylphthalate	15.210	149	2157272	19.642	ng/ul	100
61) Fluorene	15.416	166	2043015	20.101	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.422	204	993800	20.368	ng/ul	97
63) 4-Nitroaniline	15.439	138	446868	21.630	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.492	198	257015	18.359	ng/ul	100
67) N-Nitrosodiphenylamine	15.634	169	1788845	21.106	ng/ul	97
68) 4-Bromophenyl-phenylether	16.316	248	607022	21.735	ng/ul	96
69) Hexachlorobenzene	16.416	284	692252	20.696	ng/ul	96
70) Atrazine	16.592	200	591346	21.697	ng/ul	99
71) Pentachlorophenol	16.757	266	414884	20.129	ng/ul	99
72) Phenanthrene	17.157	178	3221500	20.862	ng/ul	98
74) Anthracene	17.251	178	3278169	20.913	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.157	216	799814	20.980	ng/uL	99
76) Pentachlorobenzene	14.681	250	769395	20.505	ng/uL	95
77) Carbazole	17.516	167	2977490	21.401	ng/ul	98
78) Di-n-butylphthalate	18.104	149	3689732	21.089	ng/ul	99
80) Fluoranthene	19.180	202	3644501	20.997	ng/ul	98
82) Pyrene	19.539	202	3618472	20.176	ng/ul	97
83) Butylbenzylphthalate	20.469	149	1462767	21.193	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.269	252	1050357	19.834	ng/ul	92
85) Benzo(a)anthracene	21.339	228	3462838	19.786	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.298	149	2212741	20.924	ng/ul	97
87) Chrysene	21.404	228	3248129	20.084	ng/ul	96
89) Di-n-octyl phthalate	22.439	149	3367110	19.799	ng/ul	100
90) Benzo(b)fluoranthene	23.392	252	3056375	19.872	ng/ul	99
91) Benzo(k)fluoranthene	23.457	252	3198730	20.590	ng/ul	99
93) Benzo(a)pyrene	24.192	252	2903795	20.176	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.674	276	3049541m	19.680	ng/ul	
95) Dibenzo(a,h)anthracene	27.733	278	2543020	19.641	ng/ul	96
96) Benzo(g,h,i)perylene	28.715	276	2417894	19.773	ng/ul	98

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

