

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
 Data File : BN032247.D
 Acq On : 25 Jun 2024 17:57
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020307

Quant Time: Jun 26 02:59:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 10:49:40 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :Jagrut Upadhyay 06/26/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	364553	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	1453106	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.275	164	878827	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	1736992	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	1604637	20.000	ng/u1	0.00
88) Perylene-d12	24.186	264	1943259	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	59964	6.805	ng/uL	0.00
4) Pyridine-d5	3.569	84	404994	16.327	ng/u1	0.00
7) Phenol-d5	6.816	99	531742	17.014	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	280055	15.320	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	460321	19.304	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	435217	17.084	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	222287	20.007	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	249963	21.780	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	438875	20.483	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	588058	18.485	ng/u1	0.00
46) Dimethylphthalate-d6	13.692	166	1134957	18.538	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	1380492	19.610	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	221094	18.036	ng/u1	0.01
60) Fluorene-d10	15.275	176	1003124	19.364	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	144477	16.548	ng/u1	0.00
73) Anthracene-d10	17.128	188	1520627	20.448	ng/u1	0.00
81) Pyrene-d10	19.427	212	1710128	19.916	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	1795541	19.350	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	62823	6.663	ng/uL	96
5) Pyridine	3.593	79	396177	15.974	ng/u1	96
6) Benzaldehyde	6.787	77	272371	18.581	ng/u1	94
8) Phenol	6.846	94	544485	17.119	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.069	93	426613	16.221	ng/u1	96
12) 2-Chlorophenol	7.199	128	472439	18.932	ng/u1	95
13) 2-Methylphenol	8.081	108	416856	16.969	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.146	45	462342	15.272	ng/u1	98
16) Acetophenone	8.452	105	644986	16.706	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.440	70	291723	14.581	ng/u1#	96
18) 4-Methylphenol	8.410	108	444460	16.691	ng/u1	98
19) Hexachloroethane	8.687	117	189057	17.891	ng/u1	96
22) Nitrobenzene	8.828	77	471583	17.815	ng/u1	95
23) Isophorone	9.352	82	872221	16.063	ng/u1	96
25) 2-Nitrophenol	9.534	139	262290	20.918	ng/u1	92
26) 2,4-Dimethylphenol	9.599	107	442674	18.148	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.834	93	558212	16.494	ng/u1	99
29) 2,4-Dichlorophenol	10.069	162	422828	19.986	ng/u1	98
30) Naphthalene	10.457	128	1472013	19.574	ng/u1	99
32) 4-Chloroaniline	10.581	127	567289	18.367	ng/u1	98
33) Hexachlorobutadiene	10.728	225	276010	21.722	ng/u1	99
34) Caprolactam	11.375	113	160235	19.404	ng/u1	85
35) 4-Chloro-3-methylphenol	11.722	107	441427	17.851	ng/u1	94
36) 2-Methylnaphthalene	12.075	142	964342	18.760	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	969294	18.793	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.451	216	494007	21.255	ng/ul	97
40) Hexachlorocyclopentadiene	12.416	237	115620	8.631	ng/ul	98
41) 2,4,6-Trichlorophenol	12.704	196	323221	20.489	ng/ul	99
42) 2,4,5-Trichlorophenol	12.781	196	352970	20.590	ng/ul	97
43) 1,1'-Biphenyl	13.104	154	1240532	20.068	ng/ul	96
44) 2-Chloronaphthalene	13.145	162	996726	20.587	ng/ul	97
45) 2-Nitroaniline	13.369	65	244247	17.403	ng/ul#	81
47) Dimethylphthalate	13.740	163	1167079	18.639	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	246744	19.825	ng/ul	97
50) Acenaphthylene	13.998	152	1582643	19.892	ng/ul	100
51) 3-Nitroaniline	14.198	138	278617	20.937	ng/ul	94
52) Acenaphthene	14.340	153	1053225	20.007	ng/ul	100
53) 2,4-Dinitrophenol	14.422	184	93666	14.907	ng/ul	92
55) 4-Nitrophenol	14.528	109	193543	21.284	ng/ul	89
56) Dibenzofuran	14.675	168	1419780	19.851	ng/ul	97
57) 2,4-Dinitrotoluene	14.663	165	354390	19.405	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.910	232	286495	19.979	ng/ul	98
59) Diethylphthalate	15.110	149	1178681	18.243	ng/ul	98
61) Fluorene	15.328	166	1141421	19.818	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.328	204	561130	20.115	ng/ul	99
63) 4-Nitroaniline	15.369	138	295053m	23.291	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.434	198	152718	16.454	ng/ul	94
67) N-Nitrosodiphenylamine	15.545	169	988926	20.655	ng/ul	98
68) 4-Bromophenyl-phenylether	16.222	248	348868	20.729	ng/ul	98
69) Hexachlorobenzene	16.328	284	405128	21.239	ng/ul	96
70) Atrazine	16.504	200	282000	18.654	ng/ul	99
71) Pentachlorophenol	16.686	266	237723	19.479	ng/ul	96
72) Phenanthrene	17.069	178	1780376	20.121	ng/ul	99
74) Anthracene	17.163	178	1839360	20.515	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.063	216	495760	22.174	ng/ul	97
76) Pentachlorobenzene	14.592	250	472437	21.695	ng/ul	98
77) Carbazole	17.439	167	1675681	21.918	ng/ul	99
78) Di-n-butylphthalate	17.998	149	2070536	19.685	ng/ul	99
80) Fluoranthene	19.092	202	2042014	19.899	ng/ul	98
82) Pyrene	19.463	202	2144475	20.368	ng/ul	93
83) Butylbenzylphthalate	20.369	149	970438	19.514	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.180	252	625923	20.341	ng/ul	96
85) Benzo(a)anthracene	21.251	228	2118281	19.722	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.169	149	1412364	19.483	ng/ul	98
87) Chrysene	21.310	228	2019899	20.134	ng/ul	99
89) Di-n-octyl phthalate	22.269	149	2526507	19.420	ng/ul	100
90) Benzo(b)fluoranthene	23.263	252	2156108	18.563	ng/ul	98
91) Benzo(k)fluoranthene	23.327	252	2218594	19.465	ng/ul	99
93) Benzo(a)pyrene	24.051	252	2117898	19.468	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.480	276	2652821m	21.162	ng/ul	
95) Dibenzo(a,h)anthracene	27.521	278	2200438	21.500	ng/ul	98
96) Benzo(g,h,i)perylene	28.498	276	2121184	21.286	ng/ul	95

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

