

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
 Data File : BN032184.D
 Acq On : 23 Jun 2024 03:06
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020302

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/26/2024

Quant Time: Jun 23 03:38:01 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	464173	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	1917065	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.281	164	1115687	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	1930584	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1439857	20.000	ng/u1	0.00
88) Perylene-d12	24.180	264	1685431	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	69896	6.230	ng/uL	0.00
4) Pyridine-d5	3.564	84	494862	15.668	ng/u1	0.00
7) Phenol-d5	6.822	99	678878	17.060	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	371235	15.949	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	583327	19.212	ng/u1	0.00
15) 4-Methylphenol-d8	8.352	113	565476	17.433	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	299004	20.399	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	335804	22.178	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	570158	20.170	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	740031	17.632	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	1496607	19.255	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	1742410	19.496	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	233907	15.030	ng/u1	0.01
60) Fluorene-d10	15.275	176	1224155	18.614	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	195498	20.146	ng/u1	0.00
73) Anthracene-d10	17.128	188	1631875	19.744	ng/u1	0.00
81) Pyrene-d10	19.433	212	1595323	20.705	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	1576546	19.589	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	72127	6.008	ng/uL	95
5) Pyridine	3.587	79	487195	15.428	ng/u1	96
6) Benzaldehyde	6.787	77	353004	18.913	ng/u1	95
8) Phenol	6.846	94	689145	17.017	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.069	93	567157	16.937	ng/u1	95
12) 2-Chlorophenol	7.205	128	605675	19.062	ng/u1	96
13) 2-Methylphenol	8.087	108	544846	17.419	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.152	45	616375	15.990	ng/u1	98
16) Acetophenone	8.458	105	863347	17.563	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.440	70	395979	15.545	ng/u1#	95
18) 4-Methylphenol	8.411	108	584959	17.252	ng/u1	96
19) Hexachloroethane	8.693	117	253629	18.850	ng/u1	95
22) Nitrobenzene	8.834	77	622454	17.824	ng/u1	94
23) Isophorone	9.358	82	1166989	16.290	ng/u1	96
25) 2-Nitrophenol	9.540	139	358075	21.646	ng/u1	91
26) 2,4-Dimethylphenol	9.605	107	565584	17.575	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.840	93	764557	17.124	ng/u1	98
29) 2,4-Dichlorophenol	10.069	162	563891	20.203	ng/u1	95
30) Naphthalene	10.463	128	1947171	19.626	ng/u1	100
32) 4-Chloroaniline	10.587	127	726483	17.829	ng/u1	97
33) Hexachlorobutadiene	10.734	225	374519	22.342	ng/u1	97
34) Caprolactam	11.381	113	183217	16.817	ng/u1	85
35) 4-Chloro-3-methylphenol	11.722	107	568108	17.414	ng/u1	99
36) 2-Methylnaphthalene	12.081	142	1264036	18.639	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	1270292	18.668	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.451	216	670391	22.720	ng/ul	98
40) Hexachlorocyclopentadiene	12.422	237	302858	17.809	ng/ul	95
41) 2,4,6-Trichlorophenol	12.704	196	425848	21.264	ng/ul	98
42) 2,4,5-Trichlorophenol	12.781	196	442871	20.349	ng/ul	96
43) 1,1'-Biphenyl	13.104	154	1634411	20.827	ng/ul	96
44) 2-Chloronaphthalene	13.146	162	1265566	20.590	ng/ul	98
45) 2-Nitroaniline	13.369	65	300436	16.862	ng/ul#	83
47) Dimethylphthalate	13.746	163	1540262	19.377	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	315558	19.971	ng/ul	98
50) Acenaphthylene	13.998	152	1987037	19.673	ng/ul	98
51) 3-Nitroaniline	14.204	138	318239	18.838	ng/ul	91
52) Acenaphthene	14.345	153	1322545	19.790	ng/ul	100
53) 2,4-Dinitrophenol	14.416	184	126092	15.807	ng/ul	94
55) 4-Nitrophenol	14.528	109	176385	15.279	ng/ul	90
56) Dibenzofuran	14.681	168	1752877	19.305	ng/ul	99
57) 2,4-Dinitrotoluene	14.663	165	427378	18.434	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.910	232	336243	18.471	ng/ul	99
59) Diethylphthalate	15.110	149	1498077	18.264	ng/ul	99
61) Fluorene	15.334	166	1367876	18.708	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.328	204	684611	19.331	ng/ul	94
63) 4-Nitroaniline	15.369	138	313872m	19.517	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.428	198	213220	20.669	ng/ul	98
67) N-Nitrosodiphenylamine	15.545	169	1156341	21.730	ng/ul	96
68) 4-Bromophenyl-phenylether	16.222	248	428609	22.913	ng/ul	98
69) Hexachlorobenzene	16.328	284	462028	21.793	ng/ul	97
70) Atrazine	16.504	200	317235	18.881	ng/ul	99
71) Pentachlorophenol	16.687	266	246243	18.154	ng/ul	95
72) Phenanthrene	17.075	178	1942764	19.754	ng/ul	99
74) Anthracene	17.163	178	1993983	20.009	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.069	216	639842	25.749	ng/uL	96
76) Pentachlorobenzene	14.593	250	588235	24.304	ng/uL	96
77) Carbazole	17.439	167	1689248	19.880	ng/ul	98
78) Di-n-butylphthalate	17.998	149	2326910	19.905	ng/ul	99
80) Fluoranthene	19.092	202	1966854	21.360	ng/ul	97
82) Pyrene	19.463	202	2017852	21.358	ng/ul#	93
83) Butylbenzylphthalate	20.363	149	905049	20.282	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.180	252	533510	19.322	ng/ul	99
85) Benzo(a)anthracene	21.245	228	1881245	19.520	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.169	149	1317519	20.255	ng/ul	97
87) Chrysene	21.310	228	1767561	19.635	ng/ul	99
89) Di-n-octyl phthalate	22.269	149	2277948	20.188	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	1887168	18.733	ng/ul	98
91) Benzo(k)fluoranthene	23.316	252	1957287	19.800	ng/ul	98
93) Benzo(a)pyrene	24.045	252	1820282	19.292	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.457	276	2258078	20.768	ng/ul	98
95) Dibenzo(a,h)anthracene	27.510	278	1880053	21.180	ng/ul	95
96) Benzo(g,h,i)perylene	28.480	276	1818652	21.042	ng/ul	95

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

