

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031693.D
 Acq On : 29 May 2024 16:41
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020263

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024

Quant Time: May 29 17:37:03 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 15:13:07 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	402239	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	1856754	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1267134	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2651892	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	2496722	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	2824146	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	84401	8.681	ng/uL	0.00
4) Pyridine-d5	3.593	84	617585	22.565	ng/u1	0.00
7) Phenol-d5	6.852	99	742416	21.530	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	440847	21.856	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	567631	21.574	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	603954	21.486	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	296250	20.867	ng/u1	0.00
24) 2-Nitrophenol-d4	9.558	143	299258	20.406	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	576971	21.074	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	877045	21.576	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	1840594	20.850	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2104881	20.737	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	364650	20.631	ng/u1	0.00
60) Fluorene-d10	15.316	176	1581287	21.171	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	243615	18.276	ng/u1	0.00
73) Anthracene-d10	17.169	188	2438185	21.475	ng/u1	0.00
81) Pyrene-d10	19.463	212	2918911	21.847	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	2827345	20.966	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.223	88	87290	8.391	ng/uL	99
5) Pyridine	3.611	79	608494	22.235	ng/u1	100
6) Benzaldehyde	6.834	77	408989	25.287	ng/u1	99
8) Phenol	6.875	94	768217	21.890	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.117	93	636031	21.918	ng/u1	98
12) 2-Chlorophenol	7.246	128	591539	21.484	ng/u1	97
13) 2-Methylphenol	8.122	108	580402	21.413	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.216	45	734776	21.996	ng/u1	98
16) Acetophenone	8.505	105	973617	22.855	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.493	70	491293	22.256	ng/u1	99
18) 4-Methylphenol	8.452	108	646782	22.013	ng/u1	97
19) Hexachloroethane	8.758	117	243241	20.862	ng/u1	94
22) Nitrobenzene	8.881	77	712411	21.062	ng/u1	100
23) Isophorone	9.405	82	1448031	20.869	ng/u1	99
25) 2-Nitrophenol	9.587	139	335840	20.961	ng/u1	98
26) 2,4-Dimethylphenol	9.646	107	662771	21.264	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.887	93	909750	21.038	ng/u1	98
29) 2,4-Dichlorophenol	10.116	162	569526	21.068	ng/u1	98
30) Naphthalene	10.516	128	2040513	21.234	ng/u1	99
32) 4-Chloroaniline	10.628	127	868911	22.017	ng/u1	99
33) Hexachlorobutadiene	10.799	225	335114	20.640	ng/u1	98
34) Caprolactam	11.399	113	217712	20.633	ng/u1	97
35) 4-Chloro-3-methylphenol	11.752	107	674224	21.338	ng/u1	99
36) 2-Methylnaphthalene	12.134	142	1419380	21.610	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.357	142	1410536	21.403	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.504	216	697318	20.808	ng/ul	98
40) Hexachlorocyclopentadiene	12.481	237	360576	18.669	ng/ul	97
41) 2,4,6-Trichlorophenol	12.746	196	462218	20.321	ng/ul	96
42) 2,4,5-Trichlorophenol	12.816	196	507671	20.539	ng/ul	97
43) 1,1'-Biphenyl	13.157	154	1849188	20.748	ng/ul	98
44) 2-Chloronaphthalene	13.199	162	1450616	20.780	ng/ul	96
45) 2-Nitroaniline	13.404	65	415703	20.543	ng/ul	93
47) Dimethylphthalate	13.787	163	1900335	21.049	ng/ul	100
48) 2,6-Dinitrotoluene	13.904	165	371394	20.696	ng/ul	94
50) Acenaphthylene	14.046	152	2394064	20.870	ng/ul	99
51) 3-Nitroaniline	14.234	138	409156	21.325	ng/ul	99
52) Acenaphthene	14.387	153	1588815	20.932	ng/ul	100
53) 2,4-Dinitrophenol	14.440	184	146096	16.126	ng/ul	96
55) 4-Nitrophenol	14.540	109	275420	21.006	ng/ul	95
56) Dibenzofuran	14.722	168	2171126	21.054	ng/ul	100
57) 2,4-Dinitrotoluene	14.693	165	554451	21.057	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.951	232	423028	20.461	ng/ul	99
59) Diethylphthalate	15.157	149	1980884	21.264	ng/ul	99
61) Fluorene	15.375	166	1808663	21.780	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.375	204	870054	21.631	ng/ul	98
63) 4-Nitroaniline	15.398	138	423753	23.200	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.451	198	273476	19.299	ng/ul	97
67) N-Nitrosodiphenylamine	15.587	169	1559866	21.340	ng/ul	98
68) 4-Bromophenyl-phenylether	16.269	248	533384	20.759	ng/ul	94
69) Hexachlorobenzene	16.369	284	626845	21.525	ng/ul	98
70) Atrazine	16.540	200	472879	20.489	ng/ul	98
71) Pentachlorophenol	16.716	266	382332	20.520	ng/ul	95
72) Phenanthrene	17.110	178	2929145	21.683	ng/ul	99
74) Anthracene	17.204	178	2896538	21.160	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.116	216	696292	20.399	ng/ul	99
76) Pentachlorobenzene	14.640	250	678998	20.423	ng/ul	99
77) Carbazole	17.475	167	2746939	23.534	ng/ul	98
78) Di-n-butylphthalate	18.045	149	3453550	21.507	ng/ul	100
80) Fluoranthene	19.128	202	3455637	21.642	ng/ul	100
82) Pyrene	19.492	202	3600434	21.978	ng/ul	99
83) Butylbenzylphthalate	20.410	149	1660023	21.454	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.216	252	1103621	23.051	ng/ul	99
85) Benzo(a)anthracene	21.286	228	3550335	21.245	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.222	149	2436846	21.605	ng/ul	99
87) Chrysene	21.345	228	3334105	21.359	ng/ul	98
89) Di-n-octyl phthalate	22.339	149	4181507	22.116	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	3439697	20.377	ng/ul	99
91) Benzo(k)fluoranthene	23.369	252	3442498	20.783	ng/ul	96
93) Benzo(a)pyrene	24.098	252	3373726	21.339	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.533	276	3766943	20.676	ng/ul	100
95) Dibenzo(a,h)anthracene	27.598	278	3150960	21.184	ng/ul	98
96) Benzo(g,h,i)perylene	28.557	276	2982051m	20.591	ng/ul	

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

