

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031944.D
 Acq On : 12 Jun 2024 16:42
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020286

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024

Quant Time: Jun 12 23:23:48 2024

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

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jun 11 22:28:10 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	367493	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1683925	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	1099879	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	2201906	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1429322	20.000	ng/u1	0.00
88) Perylene-d12	24.215	264	1364803	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	59132	6.657	ng/uL	0.00
4) Pyridine-d5	3.581	84	428422	17.133	ng/u1	0.00
7) Phenol-d5	6.834	99	597604	18.969	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	343146	18.621	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	475182	19.768	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	501970	19.546	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	250222	19.434	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	268366	20.178	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	490557	19.757	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	705630	19.141	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	1444596	18.853	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	1730126	19.637	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	278634	18.162	ng/u1	0.00
60) Fluorene-d10	15.298	176	1225054	18.895	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	215644	19.484	ng/u1	0.00
73) Anthracene-d10	17.151	188	1860934	19.741	ng/u1	0.00
81) Pyrene-d10	19.451	212	1875444	24.520	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.010	264	1264399	19.402	ng/u1	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.211	88	64625	6.800	ng/uL	97
5) Pyridine	3.599	79	420251	16.809	ng/u1	97
6) Benzaldehyde	6.810	77	295655	20.008	ng/u1	99
8) Phenol	6.863	94	611707	19.079	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.093	93	497208	18.754	ng/u1	98
12) 2-Chlorophenol	7.228	128	495892	19.713	ng/u1	98
13) 2-Methylphenol	8.104	108	480645	19.409	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.181	45	593473	19.446	ng/u1	100
16) Acetophenone	8.481	105	774553	19.901	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.469	70	381372	18.910	ng/u1	96
18) 4-Methylphenol	8.434	108	520222	19.379	ng/u1	100
19) Hexachloroethane	8.728	117	204169	19.166	ng/u1	95
22) Nitrobenzene	8.857	77	581652	18.961	ng/u1	98
23) Isophorone	9.381	82	1123571	17.855	ng/u1	99
25) 2-Nitrophenol	9.563	139	290631	20.001	ng/u1	98
26) 2,4-Dimethylphenol	9.628	107	546272	19.325	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.863	93	714198	18.211	ng/u1	98
29) 2,4-Dichlorophenol	10.093	162	489493	19.966	ng/u1	95
30) Naphthalene	10.493	128	1668073	19.140	ng/u1	99
32) 4-Chloroaniline	10.610	127	671889	18.772	ng/u1	97
33) Hexachlorobutadiene	10.763	225	292290	19.850	ng/u1	100
34) Caprolactam	11.393	113	168950m	17.655	ng/u1	
35) 4-Chloro-3-methylphenol	11.740	107	554500	19.350	ng/u1	98
36) 2-Methylnaphthalene	12.110	142	1149018	19.289	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	1157925	19.373	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.481	216	586581	20.166	ng/ul	99
40) Hexachlorocyclopentadiene	12.451	237	324099	19.332	ng/ul	95
41) 2,4,6-Trichlorophenol	12.728	196	388131	19.659	ng/ul	97
42) 2,4,5-Trichlorophenol	12.798	196	431627	20.118	ng/ul	98
43) 1,1'-Biphenyl	13.134	154	1499903	19.388	ng/ul	97
44) 2-Chloronaphthalene	13.175	162	1196293	19.743	ng/ul	100
45) 2-Nitroaniline	13.387	65	336673	19.168	ng/ul	93
47) Dimethylphthalate	13.769	163	1490170	19.016	ng/ul	100
48) 2,6-Dinitrotoluene	13.892	165	313439	20.122	ng/ul	100
50) Acenaphthylene	14.022	152	1953593	19.620	ng/ul	99
51) 3-Nitroaniline	14.222	138	330643	19.853	ng/ul	95
52) Acenaphthene	14.369	153	1285193	19.507	ng/ul	100
53) 2,4-Dinitrophenol	14.434	184	140422	17.857	ng/ul	100
55) 4-Nitrophenol	14.534	109	215816	18.963	ng/ul	94
56) Dibenzofuran	14.704	168	1719702	19.212	ng/ul	98
57) 2,4-Dinitrotoluene	14.681	165	440946	19.292	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.934	232	351824	19.604	ng/ul	99
59) Diethylphthalate	15.139	149	1486337	18.381	ng/ul	98
61) Fluorene	15.357	166	1396940	19.380	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.351	204	690449	19.776	ng/ul	98
63) 4-Nitroaniline	15.386	138	327211	20.639	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.445	198	236894	20.134	ng/ul	96
67) N-Nitrosodiphenylamine	15.569	169	1226154	20.202	ng/ul	98
68) 4-Bromophenyl-phenylether	16.245	248	438454	20.551	ng/ul	97
69) Hexachlorobenzene	16.351	284	483563	19.998	ng/ul	96
70) Atrazine	16.528	200	344266	17.965	ng/ul	97
71) Pentachlorophenol	16.704	266	303241	19.601	ng/ul	93
72) Phenanthrene	17.098	178	2184888	19.479	ng/ul	99
74) Anthracene	17.186	178	2264993	19.928	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.092	216	585601	20.662	ng/uL	96
76) Pentachlorobenzene	14.616	250	572190	20.728	ng/uL	98
77) Carbazole	17.463	167	2009463	20.734	ng/ul	100
78) Di-n-butylphthalate	18.028	149	2657285	19.930	ng/ul	100
80) Fluoranthene	19.116	202	2373439	25.965	ng/ul	99
82) Pyrene	19.480	202	2390830	25.493	ng/ul	98
83) Butylbenzylphthalate	20.392	149	1080959	24.403	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.204	252	525717	19.180	ng/ul	97
85) Benzo(a)anthracene	21.269	228	1910586	19.970	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.198	149	1521052	23.556	ng/ul	99
87) Chrysene	21.333	228	1757682	19.669	ng/ul	98
89) Di-n-octyl phthalate	22.304	149	2238432	24.498	ng/ul	100
90) Benzo(b)fluoranthene	23.286	252	1606674	19.695	ng/ul	98
91) Benzo(k)fluoranthene	23.351	252	1555867	19.436	ng/ul	99
93) Benzo(a)pyrene	24.080	252	1502886	19.670	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.509	276	1790981	20.342	ng/ul	99
95) Dibenzo(a,h)anthracene	27.568	278	1530284	21.289	ng/ul	97
96) Benzo(g,h,i)perylene	28.533	276	1449955m	20.717	ng/ul	

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

