

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
 Data File : BN031131.D
 Acq On : 22 Apr 2024 21:33
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020374

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024

Quant Time: Apr 23 00:43:38 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Apr 19 22:56:25 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	136342	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	618862	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	423324	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.034	188	930553	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	1039064	20.000	ng/u1	0.00
88) Perylene-d12	24.169	264	1342968	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	23148	7.932	ng/uL	0.00
4) Pyridine-d5	3.552	84	178231	21.207	ng/u1	0.00
7) Phenol-d5	6.811	99	241727	21.017	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	137739	20.584	ng/u1	0.00
11) 2-Chlorophenol-d4	7.164	132	194446	21.713	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	200662	20.746	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	98688	22.195	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	105762	22.882	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	204397	22.425	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	305269	21.432	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	613954	20.842	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	733511	21.974	ng/u1	0.00
54) 4-Nitrophenol-d4	14.493	143	128238	20.857	ng/u1	0.00
60) Fluorene-d10	15.275	176	554347	21.617	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	95073	20.251	ng/u1	0.00
73) Anthracene-d10	17.128	188	912221	22.617	ng/u1	0.00
81) Pyrene-d10	19.433	212	1148801	22.499	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.969	264	1428716	22.434	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.176	88	24614	7.959	ng/uL	92
5) Pyridine	3.570	79	176272	20.785	ng/u1	99
6) Benzaldehyde	6.787	77	140550m	24.888	ng/u1	
8) Phenol	6.834	94	251907	21.244	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.069	93	197407	21.099	ng/u1	99
12) 2-Chlorophenol	7.199	128	203877	21.903	ng/u1	98
13) 2-Methylphenol	8.075	108	193619	21.070	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.158	45	251869	20.648	ng/u1	98
16) Acetophenone	8.452	105	312881	20.878	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.440	70	153712	20.578	ng/u1	99
18) 4-Methylphenol	8.405	108	212691	20.663	ng/u1	99
19) Hexachloroethane	8.699	117	83035	21.497	ng/u1	97
22) Nitrobenzene	8.834	77	231351	22.045	ng/u1	100
23) Isophorone	9.352	82	454380	21.216	ng/u1	100
25) 2-Nitrophenol	9.534	139	114682	22.426	ng/u1	95
26) 2,4-Dimethylphenol	9.599	107	214821	20.599	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.840	93	275763	21.199	ng/u1	100
29) 2,4-Dichlorophenol	10.063	162	198815	21.839	ng/u1	96
30) Naphthalene	10.463	128	702437	21.901	ng/u1	99
32) 4-Chloroaniline	10.581	127	294781	21.299	ng/u1	97
33) Hexachlorobutadiene	10.740	225	122512	22.075	ng/u1	95
34) Caprolactam	11.357	113	72772	20.288	ng/u1	98
35) 4-Chloro-3-methylphenol	11.710	107	227506	21.554	ng/u1	98
36) 2-Methylnaphthalene	12.081	142	486541	21.512	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	486285	21.248	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.451	216	246825	22.283	ng/ul	99
40) Hexachlorocyclopentadiene	12.428	237	106732	17.541	ng/ul	98
41) 2,4,6-Trichlorophenol	12.704	196	164632	22.329	ng/ul	94
42) 2,4,5-Trichlorophenol	12.775	196	177076	21.662	ng/ul	98
43) 1,1'-Biphenyl	13.110	154	627903	21.567	ng/ul	99
44) 2-Chloronaphthalene	13.151	162	511089	21.968	ng/ul	97
45) 2-Nitroaniline	13.363	65	144055	22.429	ng/ul	99
47) Dimethylphthalate	13.746	163	623039	20.501	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	125681	22.031	ng/ul	98
50) Acenaphthylene	13.998	152	846983	21.721	ng/ul	99
51) 3-Nitroaniline	14.198	138	145636	22.237	ng/ul	94
52) Acenaphthene	14.346	153	551064	21.318	ng/ul	97
53) 2,4-Dinitrophenol	14.404	184	56000	17.358	ng/ul	97
55) 4-Nitrophenol	14.510	109	105176	21.078	ng/ul	98
56) Dibenzofuran	14.681	168	761361	21.303	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	191626	22.107	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.910	232	159319	22.551	ng/ul	95
59) Diethylphthalate	15.116	149	663379	21.225	ng/ul	98
61) Fluorene	15.334	166	631616	21.475	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.334	204	302062	21.562	ng/ul	98
63) 4-Nitroaniline	15.363	138	169055	23.942	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.416	198	103091	20.450	ng/ul	99
67) N-Nitrosodiphenylamine	15.551	169	553831	22.205	ng/ul	99
68) 4-Bromophenyl-phenylether	16.228	248	192959	21.926	ng/ul	93
69) Hexachlorobenzene	16.334	284	218121	21.500	ng/ul	97
70) Atrazine	16.504	200	198889	22.713	ng/ul	96
71) Pentachlorophenol	16.681	266	146179	22.177	ng/ul	93
72) Phenanthrene	17.075	178	1054221	21.419	ng/ul	97
74) Anthracene	17.163	178	1106411	22.213	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.069	216	244426	22.394	ng/uL	99
76) Pentachlorobenzene	14.598	250	248403	22.039	ng/uL	97
77) Carbazole	17.439	167	1050476	23.088	ng/ul	98
78) Di-n-butylphthalate	18.004	149	1276787	23.023	ng/ul	99
80) Fluoranthene	19.098	202	1366267	22.609	ng/ul	99
82) Pyrene	19.463	202	1422678	22.407	ng/ul	98
83) Butylbenzylphthalate	20.375	149	674866	24.088	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.186	252	528566	24.413	ng/ul	92
85) Benzo(a)anthracene	21.251	228	1569455	22.243	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.180	149	1009535	23.999	ng/ul	100
87) Chrysene	21.310	228	1445469	21.582	ng/ul	98
89) Di-n-octyl phthalate	22.280	149	1938132	25.037	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	1685705	22.308	ng/ul	97
91) Benzo(k)fluoranthene	23.316	252	1714816	22.564	ng/ul	98
93) Benzo(a)pyrene	24.033	252	1644295	21.813	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.421	276	1905599m	20.372	ng/ul	
95) Dibenzo(a,h)anthracene	27.474	278	1581708	20.601	ng/ul	98
96) Benzo(g,h,i)perylene	28.439	276	1509621	20.040	ng/ul	97

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

