

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
 Data File : BN032017.D
 Acq On : 15 Jun 2024 02:22
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020292

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/17/2024
 Supervised By :mohammad ahmed 06/18/2024

Quant Time: Jun 15 02:51:10 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	7.652	152	366909	20.000	ng/u1	0.00
20) Naphthalene-d8	10.434	136	1586453	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	926076	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1729135	20.000	ng/u1	0.00
79) Chrysene-d12	21.286	240	1380710	20.000	ng/u1	0.00
88) Perylene-d12	24.221	264	1666529	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	61795	6.968	ng/uL	0.00
4) Pyridine-d5	3.581	84	457419	18.322	ng/u1	0.00
7) Phenol-d5	6.834	99	588682	18.715	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	337933	18.367	ng/u1	0.00
11) 2-Chlorophenol-d4	7.187	132	468153	19.506	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	472848	18.442	ng/u1	0.00
21) Nitrobenzene-d5	8.811	128	241456	19.906	ng/u1	0.00
24) 2-Nitrophenol-d4	9.528	143	260296	20.774	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	454686	19.437	ng/u1	0.00
31) 4-Chloroaniline-d4	10.581	131	625425	18.007	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	1196673	18.548	ng/u1	0.00
49) Acenaphthylene-d8	13.993	160	1458725	19.664	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	213398	16.520	ng/u1	0.00
60) Fluorene-d10	15.293	176	1035087	18.962	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	160157	18.427	ng/u1	0.00
73) Anthracene-d10	17.145	188	1390097	18.778	ng/u1	0.00
81) Pyrene-d10	19.451	212	1494222	20.224	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.010	264	1515044	19.039	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	66106	6.966	ng/uL	98
5) Pyridine	3.599	79	446265	17.878	ng/u1	99
6) Benzaldehyde	6.805	77	295118	20.004	ng/u1	98
8) Phenol	6.858	94	598797	18.706	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.087	93	493144	18.631	ng/u1	98
12) 2-Chlorophenol	7.222	128	492432	19.607	ng/u1	98
13) 2-Methylphenol	8.099	108	461895	18.682	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.175	45	570994	18.739	ng/u1	99
16) Acetophenone	8.475	105	734289	18.897	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.463	70	355607	17.661	ng/u1	95
18) 4-Methylphenol	8.428	108	490910	18.317	ng/u1	99
19) Hexachloroethane	8.716	117	204819	19.258	ng/u1	97
22) Nitrobenzene	8.852	77	554644	19.192	ng/u1	97
23) Isophorone	9.375	82	1036717	17.487	ng/u1	100
25) 2-Nitrophenol	9.558	139	276158	20.173	ng/u1	97
26) 2,4-Dimethylphenol	9.622	107	511673	19.213	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.858	93	657517	17.796	ng/u1	99
29) 2,4-Dichlorophenol	10.087	162	459301	19.885	ng/u1	98
30) Naphthalene	10.487	128	1580486	19.250	ng/u1	99
32) 4-Chloroaniline	10.605	127	607191	18.007	ng/u1	98
33) Hexachlorobutadiene	10.757	225	279571	20.153	ng/u1	97
34) Caprolactam	11.393	113	139129	15.432	ng/u1	89
35) 4-Chloro-3-methylphenol	11.734	107	486105	18.005	ng/u1	99
36) 2-Methylnaphthalene	12.104	142	1037072	18.479	ng/u1	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	1045749	18.571	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.475	216	530484	21.660	ng/ul	99
40) Hexachlorocyclopentadiene	12.446	237	324248	22.971	ng/ul	95
41) 2,4,6-Trichlorophenol	12.722	196	342225	20.587	ng/ul	99
42) 2,4,5-Trichlorophenol	12.799	196	360281	19.944	ng/ul	93
43) 1,1'-Biphenyl	13.128	154	1322312	20.300	ng/ul	96
44) 2-Chloronaphthalene	13.169	162	1056840	20.715	ng/ul	98
45) 2-Nitroaniline	13.387	65	285612	19.313	ng/ul	95
47) Dimethylphthalate	13.763	163	1241701	18.819	ng/ul	99
48) 2,6-Dinitrotoluene	13.887	165	254013	19.368	ng/ul	97
50) Acenaphthylene	14.022	152	1670636	19.927	ng/ul	100
51) 3-Nitroaniline	14.216	138	264150	18.837	ng/ul	98
52) Acenaphthene	14.363	153	1095901	19.756	ng/ul	99
53) 2,4-Dinitrophenol	14.434	184	122213	18.458	ng/ul	98
55) 4-Nitrophenol	14.534	109	163910	17.105	ng/ul	95
56) Dibenzofuran	14.698	168	1458151	19.347	ng/ul	99
57) 2,4-Dinitrotoluene	14.681	165	347771	18.071	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.928	232	284000	18.795	ng/ul	98
59) Diethylphthalate	15.128	149	1204016	17.684	ng/ul	100
61) Fluorene	15.351	166	1156474	19.055	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.345	204	571820	19.452	ng/ul	96
63) 4-Nitroaniline	15.387	138	256381m	19.206	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.445	198	175049	18.946	ng/ul	97
67) N-Nitrosodiphenylamine	15.563	169	971917	20.392	ng/ul	98
68) 4-Bromophenyl-phenylether	16.245	248	354021	21.131	ng/ul	93
69) Hexachlorobenzene	16.351	284	397179	20.917	ng/ul	94
70) Atrazine	16.522	200	263465	17.507	ng/ul	99
71) Pentachlorophenol	16.698	266	215734	17.758	ng/ul	92
72) Phenanthrene	17.092	178	1703852	19.343	ng/ul	98
74) Anthracene	17.181	178	1734008	19.428	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.087	216	506083	22.739	ng/ul	98
76) Pentachlorobenzene	14.616	250	480203	22.152	ng/ul	95
77) Carbazole	17.457	167	1525914	20.050	ng/ul	99
78) Di-n-butylphthalate	18.022	149	1933803	18.469	ng/ul	100
80) Fluoranthene	19.116	202	1804951	20.441	ng/ul	96
82) Pyrene	19.481	202	1836871	20.276	ng/ul	94
83) Butylbenzylphthalate	20.386	149	809939	18.928	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.198	252	529561	20.001	ng/ul	95
85) Benzo(a)anthracene	21.269	228	1776141	19.219	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.192	149	1168022	18.726	ng/ul	99
87) Chrysene	21.328	228	1628649	18.867	ng/ul	99
89) Di-n-octyl phthalate	22.298	149	2002790	17.951	ng/ul	100
90) Benzo(b)fluoranthene	23.286	252	1823093	18.302	ng/ul	98
91) Benzo(k)fluoranthene	23.351	252	1876729	19.200	ng/ul	98
93) Benzo(a)pyrene	24.074	252	1797462	19.266	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.504	276	2258211	21.005	ng/ul	98
95) Dibenzo(a,h)anthracene	27.557	278	1851129	21.090	ng/ul	98
96) Benzo(g,h,i)perylene	28.527	276	1829326	21.405	ng/ul	96

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

