

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
 Data File : BN031735.D
 Acq On : 31 May 2024 10:25
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020268

Quant Time: May 31 11:34:22 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	515983	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	2386718	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1588201	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	3334626	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	2648872	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	2328467	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	89264	7.157	ng/uL	0.00
4) Pyridine-d5	3.593	84	684794	19.505	ng/u1	0.00
7) Phenol-d5	6.852	99	871675	19.706	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	501070	19.366	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	661358	19.595	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	710248	19.698	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	353576	19.375	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	378079	20.056	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	678194	19.271	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	1030031	19.713	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	2089629	18.886	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2392063	18.802	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	427345	19.290	ng/u1	0.00
60) Fluorene-d10	15.322	176	1770106	18.908	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	324519	19.361	ng/u1	0.00
73) Anthracene-d10	17.169	188	2681262	18.781	ng/u1	0.00
81) Pyrene-d10	19.469	212	3002081	21.179	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	2051268	18.449	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.223	88	98207	7.359	ng/uL	98
5) Pyridine	3.611	79	672003	19.143	ng/u1	97
6) Benzaldehyde	6.828	77	329896	15.900	ng/u1	100
8) Phenol	6.875	94	880050	19.549	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.116	93	731723	19.657	ng/u1	98
12) 2-Chlorophenol	7.246	128	694414	19.661	ng/u1	99
13) 2-Methylphenol	8.122	108	681031	19.587	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.205	45	825112	19.256	ng/u1	98
16) Acetophenone	8.505	105	1121364	20.521	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.487	70	568084	20.062	ng/u1	98
18) 4-Methylphenol	8.452	108	748443	19.857	ng/u1	99
19) Hexachloroethane	8.752	117	288310	19.276	ng/u1	96
22) Nitrobenzene	8.881	77	818846	18.833	ng/u1	97
23) Isophorone	9.405	82	1678549	18.820	ng/u1	99
25) 2-Nitrophenol	9.587	139	407964	19.809	ng/u1	97
26) 2,4-Dimethylphenol	9.646	107	770706	19.236	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.887	93	1049786	18.886	ng/u1	99
29) 2,4-Dichlorophenol	10.116	162	672108	19.342	ng/u1	97
30) Naphthalene	10.516	128	2338068	18.928	ng/u1	99
32) 4-Chloroaniline	10.628	127	1016379	20.035	ng/u1	99
33) Hexachlorobutadiene	10.793	225	388953	18.637	ng/u1	97
34) Caprolactam	11.399	113	258143m	19.032	ng/u1	
35) 4-Chloro-3-methylphenol	11.751	107	787563	19.390	ng/u1	98
36) 2-Methylnaphthalene	12.134	142	1644806	19.481	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.351	142	1628283	19.221	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.504	216	799298	19.030	ng/ul	99
40) Hexachlorocyclopentadiene	12.475	237	445268	18.393	ng/ul	100
41) 2,4,6-Trichlorophenol	12.746	196	558045	19.574	ng/ul	97
42) 2,4,5-Trichlorophenol	12.816	196	604425	19.510	ng/ul	94
43) 1,1'-Biphenyl	13.157	154	2110150	18.889	ng/ul	96
44) 2-Chloronaphthalene	13.193	162	1657838	18.948	ng/ul	98
45) 2-Nitroaniline	13.404	65	480103	18.929	ng/ul	92
47) Dimethylphthalate	13.787	163	2145844	18.964	ng/ul	100
48) 2,6-Dinitrotoluene	13.910	165	445467	19.805	ng/ul	98
50) Acenaphthylene	14.045	152	2767732	19.250	ng/ul	99
51) 3-Nitroaniline	14.234	138	421580	17.530	ng/ul	99
52) Acenaphthene	14.387	153	1818876	19.119	ng/ul	98
53) 2,4-Dinitrophenol	14.445	184	217529	19.157	ng/ul	96
55) 4-Nitrophenol	14.545	109	309301	18.821	ng/ul	94
56) Dibenzofuran	14.728	168	2454105	18.987	ng/ul	99
57) 2,4-Dinitrotoluene	14.698	165	646768	19.597	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.951	232	503628	19.435	ng/ul	99
59) Diethylphthalate	15.157	149	2192734	18.779	ng/ul	98
61) Fluorene	15.375	166	2039996	19.600	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.375	204	975837	19.357	ng/ul	99
63) 4-Nitroaniline	15.398	138	409930	17.906	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.457	198	359485	20.175	ng/ul	99
67) N-Nitrosodiphenylamine	15.587	169	1759927	19.147	ng/ul	98
68) 4-Bromophenyl-phenylether	16.269	248	603502	18.679	ng/ul	95
69) Hexachlorobenzene	16.375	284	679275	18.550	ng/ul	96
70) Atrazine	16.545	200	532737	18.357	ng/ul	99
71) Pentachlorophenol	16.722	266	448032	19.123	ng/ul	93
72) Phenanthrene	17.116	178	3173298	18.681	ng/ul	98
74) Anthracene	17.204	178	3219238	18.703	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.116	216	808788	18.844	ng/ul	99
76) Pentachlorobenzene	14.640	250	782310	18.713	ng/ul	98
77) Carbazole	17.475	167	3045385	20.749	ng/ul	98
78) Di-n-butylphthalate	18.045	149	3892710	19.278	ng/ul	100
80) Fluoranthene	19.133	202	3646256	21.524	ng/ul	99
82) Pyrene	19.498	202	3635437	20.917	ng/ul	99
83) Butylbenzylphthalate	20.410	149	1714474	20.885	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.216	252	984134	19.374	ng/ul	95
85) Benzo(a)anthracene	21.286	228	3327260	18.766	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.222	149	2440084	20.391	ng/ul	98
87) Chrysene	21.351	228	3103955	18.742	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	3964891	25.434	ng/ul	100
90) Benzo(b)fluoranthene	23.316	252	2701255	19.409	ng/ul	97
91) Benzo(k)fluoranthene	23.380	252	2703117	19.793	ng/ul	97
93) Benzo(a)pyrene	24.104	252	2443364	18.744	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.545	276	2490452	16.580	ng/ul	97
95) Dibenzo(a,h)anthracene	27.604	278	2080929	16.969	ng/ul	95
96) Benzo(g,h,i)perylene	28.580	276	1945199m	16.291	ng/ul	

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

