

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041724\
 Data File : BN030984.D
 Acq On : 17 Apr 2024 20:45
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020363

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/19/2024
 Supervised By :mohammad ahmed 04/30/2024

Quant Time: Apr 17 22:59:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 17 22:24:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	134240	20.000	ng/u1	0.00
20) Naphthalene-d8	10.422	136	640829	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.287	164	451961	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.034	188	1012375	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	1090674	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1307907	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	24049	8.399	ng/uL	0.00
4) Pyridine-d5	3.558	84	164347	19.144	ng/u1	0.00
7) Phenol-d5	6.811	99	222431	20.483	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	141863	21.151	ng/u1	0.00
11) 2-Chlorophenol-d4	7.175	132	174716	21.209	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	188978	20.764	ng/u1	0.00
21) Nitrobenzene-d5	8.799	128	90563	20.372	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	86760	21.334	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	185347	20.819	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	297427	20.292	ng/u1	0.00
46) Dimethylphthalate-d6	13.704	166	655512	21.723	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	735613	21.202	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	132751	22.999	ng/u1	0.00
60) Fluorene-d10	15.281	176	564971	21.396	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	91472	20.470	ng/u1	0.00
73) Anthracene-d10	17.134	188	919791	21.087	ng/u1	0.00
81) Pyrene-d10	19.439	212	1126490	19.211	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	1291735	21.434	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	24036	7.837	ng/uL	97
5) Pyridine	3.575	79	169329	19.548	ng/u1	95
6) Benzaldehyde	6.793	77	128432	25.396	ng/u1	94
8) Phenol	6.840	94	234814	20.757	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.075	93	197088	21.364	ng/u1	99
12) 2-Chlorophenol	7.205	128	185954	21.042	ng/u1	98
13) 2-Methylphenol	8.081	108	180897	20.751	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.163	45	272293	20.962	ng/u1	98
16) Acetophenone	8.463	105	316498	22.025	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.446	70	156522	21.627	ng/u1	97
18) 4-Methylphenol	8.410	108	205726	21.081	ng/u1	97
19) Hexachloroethane	8.705	117	75805	20.460	ng/u1	94
22) Nitrobenzene	8.840	77	226094	20.835	ng/u1	100
23) Isophorone	9.357	82	457266	21.129	ng/u1	99
25) 2-Nitrophenol	9.540	139	104523	21.869	ng/u1	100
26) 2,4-Dimethylphenol	9.605	107	220111	20.721	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.846	93	283216	20.583	ng/u1	99
29) 2,4-Dichlorophenol	10.069	162	188893	20.786	ng/u1	98
30) Naphthalene	10.469	128	680976	20.719	ng/u1	100
32) 4-Chloroaniline	10.587	127	295966	20.953	ng/u1	99
33) Hexachlorobutadiene	10.752	225	111103	19.424	ng/u1	98
34) Caprolactam	11.363	113	69308	20.416	ng/u1	97
35) 4-Chloro-3-methylphenol	11.716	107	216904	21.192	ng/u1	100
36) 2-Methylnaphthalene	12.087	142	480373	20.928	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	477505	20.493	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.457	216	239214	20.509	ng/ul	99
40) Hexachlorocyclopentadiene	12.434	237	128458	19.393	ng/ul	98
41) 2,4,6-Trichlorophenol	12.710	196	151272	20.755	ng/ul	92
42) 2,4,5-Trichlorophenol	12.775	196	172032	20.900	ng/ul	99
43) 1,1'-Biphenyl	13.116	154	643359	20.884	ng/ul	98
44) 2-Chloronaphthalene	13.151	162	505233	20.834	ng/ul	96
45) 2-Nitroaniline	13.369	65	137482	21.303	ng/ul	97
47) Dimethylphthalate	13.751	163	675944	21.685	ng/ul	98
48) 2,6-Dinitrotoluene	13.869	165	123147	21.308	ng/ul	91
50) Acenaphthylene	14.004	152	849096	21.181	ng/ul	98
51) 3-Nitroaniline	14.204	138	145838	23.774	ng/ul	99
52) Acenaphthene	14.351	153	563986	21.112	ng/ul	99
53) 2,4-Dinitrophenol	14.410	184	53123	20.013	ng/ul	95
55) 4-Nitrophenol	14.510	109	104592	22.872	ng/ul	96
56) Dibenzofuran	14.687	168	779935	21.003	ng/ul	98
57) 2,4-Dinitrotoluene	14.657	165	193179	22.895	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.916	232	144895	21.195	ng/ul	98
59) Diethylphthalate	15.122	149	696455	21.993	ng/ul	100
61) Fluorene	15.340	166	659802	22.354	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.340	204	317683	21.938	ng/ul	96
63) 4-Nitroaniline	15.369	138	163424m	27.403	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.422	198	105295	21.930	ng/ul	98
67) N-Nitrosodiphenylamine	15.551	169	570786	20.703	ng/ul	97
68) 4-Bromophenyl-phenylether	16.234	248	192519	20.026	ng/ul	96
69) Hexachlorobenzene	16.334	284	221901	19.603	ng/ul	95
70) Atrazine	16.510	200	200150	20.945	ng/ul	99
71) Pentachlorophenol	16.681	266	128739	19.289	ng/ul	98
72) Phenanthrene	17.081	178	1094024	21.034	ng/ul	99
74) Anthracene	17.169	178	1120897	21.318	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.075	216	243951	19.614	ng/ul	94
76) Pentachlorobenzene	14.598	250	246021	19.474	ng/ul	95
77) Carbazole	17.445	167	1054564	22.870	ng/ul	98
78) Di-n-butylphthalate	18.010	149	1227912	21.828	ng/ul	99
80) Fluoranthene	19.098	202	1342254	19.256	ng/ul	98
82) Pyrene	19.463	202	1442208	19.590	ng/ul	100
83) Butylbenzylphthalate	20.380	149	579843	20.625	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.186	252	447579	22.333	ng/ul	94
85) Benzo(a)anthracene	21.257	228	1551712	21.318	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.186	149	887466	21.405	ng/ul	98
87) Chrysene	21.316	228	1441921	20.987	ng/ul	98
89) Di-n-octyl phthalate	22.286	149	1494749	18.047	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	1574753	20.459	ng/ul	97
91) Benzo(k)fluoranthene	23.316	252	1659499	21.229	ng/ul	98
93) Benzo(a)pyrene	24.033	252	1544268	21.238	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.421	276	1954785	24.870	ng/ul	99
95) Dibenzo(a,h)anthracene	27.492	278	1646878m	24.889	ng/ul	
96) Benzo(g,h,i)perylene	28.445	276	1606799	26.040	ng/ul	97

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

