

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040924\
 Data File : BN030795.D
 Acq On : 09 Apr 2024 17:53
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020351

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/10/2024
 Supervised By :mohammad ahmed 04/10/2024

Quant Time: Apr 09 22:17:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 09 12:10:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	193276	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	909032	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	626830	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	1366803	20.000	ng/u1	0.00
79) Chrysene-d12	21.316	240	1277268	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1399887	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	34354	8.334	ng/uL	0.00
4) Pyridine-d5	3.593	84	260483	21.075	ng/u1	0.00
7) Phenol-d5	6.852	99	338802	21.669	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	203357	21.058	ng/u1	0.00
11) 2-Chlorophenol-d4	7.211	132	265488	22.384	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	286009	21.826	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	141974	22.515	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	143495	24.875	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	295402	23.391	ng/u1	0.00
31) 4-Chloroaniline-d4	10.605	131	447845	21.540	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	924087	22.081	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	1076966	22.382	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	173336	21.653	ng/u1	0.00
60) Fluorene-d10	15.322	176	815581	22.270	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	132489	21.961	ng/u1	0.00
73) Anthracene-d10	17.169	188	1305512	22.168	ng/u1	0.00
81) Pyrene-d10	19.475	212	1517277	22.095	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	1406809	21.810	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.223	88	35295	7.993	ng/uL	95
5) Pyridine	3.611	79	259429	20.801	ng/u1	99
6) Benzaldehyde	6.828	77	191150m	26.253	ng/u1	
8) Phenol	6.875	94	350872	21.542	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.111	93	287823	21.670	ng/u1	99
12) 2-Chlorophenol	7.246	128	279580	21.973	ng/u1	96
13) 2-Methylphenol	8.122	108	272443	21.707	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.199	45	383030	20.480	ng/u1	98
16) Acetophenone	8.499	105	461416	22.302	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.487	70	227028	21.787	ng/u1	97
18) 4-Methylphenol	8.446	108	306212	21.793	ng/u1	97
19) Hexachloroethane	8.746	117	114060	21.382	ng/u1	97
22) Nitrobenzene	8.875	77	337972	21.955	ng/u1	99
23) Isophorone	9.399	82	665344	21.673	ng/u1	100
25) 2-Nitrophenol	9.581	139	164358	24.242	ng/u1	99
26) 2,4-Dimethylphenol	9.646	107	338376	22.456	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.887	93	420778	21.558	ng/u1	99
29) 2,4-Dichlorophenol	10.110	162	296356	22.990	ng/u1	99
30) Naphthalene	10.510	128	1015296	21.777	ng/u1	100
32) 4-Chloroaniline	10.628	127	428790	21.399	ng/u1	99
33) Hexachlorobutadiene	10.793	225	169419	20.880	ng/u1	95
34) Caprolactam	11.405	113	98468	20.447	ng/u1	95
35) 4-Chloro-3-methylphenol	11.752	107	333036	22.938	ng/u1	95
36) 2-Methylnaphthalene	12.128	142	720183	22.119	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.352	142	714281	21.611	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.499	216	357436	22.096	ng/ul	98
40) Hexachlorocyclopentadiene	12.475	237	193878	21.104	ng/ul	93
41) 2,4,6-Trichlorophenol	12.746	196	238263	23.570	ng/ul	96
42) 2,4,5-Trichlorophenol	12.816	196	264351	23.156	ng/ul	95
43) 1,1'-Biphenyl	13.151	154	939221	21.983	ng/ul	99
44) 2-Chloronaphthalene	13.193	162	749782	22.293	ng/ul	97
45) 2-Nitroaniline	13.410	65	203218	22.704	ng/ul	97
47) Dimethylphthalate	13.787	163	950933	21.996	ng/ul	100
48) 2,6-Dinitrotoluene	13.910	165	186624	23.283	ng/ul	98
50) Acenaphthylene	14.046	152	1251194	22.505	ng/ul	99
51) 3-Nitroaniline	14.240	138	209610	24.638	ng/ul	99
52) Acenaphthene	14.393	153	819876	22.129	ng/ul	99
53) 2,4-Dinitrophenol	14.440	184	77350	21.010	ng/ul	97
55) 4-Nitrophenol	14.546	109	138566	21.848	ng/ul	96
56) Dibenzofuran	14.728	168	1136620	22.070	ng/ul	99
57) 2,4-Dinitrotoluene	14.693	165	276567	23.634	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.951	232	229656	24.222	ng/ul	99
59) Diethylphthalate	15.157	149	978501	22.280	ng/ul	99
61) Fluorene	15.375	166	926964	22.644	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.375	204	449466	22.379	ng/ul	98
63) 4-Nitroaniline	15.404	138	230127	27.823	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.457	198	143765	22.178	ng/ul	98
67) N-Nitrosodiphenylamine	15.593	169	798967	21.464	ng/ul	99
68) 4-Bromophenyl-phenylether	16.269	248	290712	22.399	ng/ul	95
69) Hexachlorobenzene	16.375	284	330726	21.640	ng/ul	97
70) Atrazine	16.545	200	275090	21.322	ng/ul	96
71) Pentachlorophenol	16.722	266	200890	22.294	ng/ul	98
72) Phenanthrene	17.116	178	1542790	21.970	ng/ul	99
74) Anthracene	17.204	178	1593343	22.445	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.110	216	363796	21.665	ng/uL	95
76) Pentachlorobenzene	14.640	250	367910	21.571	ng/uL	91
77) Carbazole	17.481	167	1435306	23.055	ng/ul	98
78) Di-n-butylphthalate	18.051	149	1765110	23.241	ng/ul	100
80) Fluoranthene	19.139	202	1808101	22.149	ng/ul	98
82) Pyrene	19.504	202	1915113	22.214	ng/ul	100
83) Butylbenzylphthalate	20.416	149	806142	24.485	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.228	252	533207	22.719	ng/ul	94
85) Benzo(a)anthracene	21.298	228	1931298	22.657	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.228	149	1194238	24.597	ng/ul	96
87) Chrysene	21.357	228	1775507	22.067	ng/ul	98
89) Di-n-octyl phthalate	22.339	149	2024794	22.840	ng/ul	100
90) Benzo(b)fluoranthene	23.322	252	1837842	22.308	ng/ul	98
91) Benzo(k)fluoranthene	23.380	252	1854424	22.164	ng/ul	97
93) Benzo(a)pyrene	24.116	252	1709295	21.963	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.539	276	1800383m	21.401	ng/ul	
95) Dibenzo(a,h)anthracene	27.604	278	1499476	21.172	ng/ul	96
96) Benzo(g,h,i)perylene	28.568	276	1429196	21.640	ng/ul	96

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