

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040424\
 Data File : BN030650.D
 Acq On : 04 Apr 2024 05:55
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020339

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/06/2024
 Supervised By :mohammad ahmed 04/06/2024

Quant Time: Apr 04 07:06:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 12:24:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	286368	20.000	ng/u1	0.00
20) Naphthalene-d8	10.481	136	1291155	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.339	164	831354	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	1679593	20.000	ng/u1	0.00
79) Chrysene-d12	21.327	240	1213146	20.000	ng/u1	0.00
88) Perylene-d12	24.274	264	1187668	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	51884	8.495	ng/uL	0.00
4) Pyridine-d5	3.599	84	381898	20.854	ng/u1	0.00
7) Phenol-d5	6.863	99	501685	21.656	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	297948	20.823	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	413199	23.512	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	409959	21.115	ng/u1	0.00
21) Nitrobenzene-d5	8.851	128	212290	23.702	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	225973	27.579	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.098	165	419825	23.404	ng/u1	0.00
31) 4-Chloroaniline-d4	10.616	131	609829	20.650	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	1209860	21.797	ng/u1	0.00
49) Acenaphthylene-d8	14.028	160	1411951	22.124	ng/u1	0.00
54) 4-Nitrophenol-d4	14.539	143	224493	21.144	ng/u1	0.00
60) Fluorene-d10	15.334	176	1031441	21.235	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	153745	20.738	ng/u1	0.00
73) Anthracene-d10	17.186	188	1568390	21.673	ng/u1	0.00
81) Pyrene-d10	19.486	212	1674029	25.666	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.074	264	1199874	21.926	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	55096	8.421	ng/uL	98
5) Pyridine	3.622	79	380888	20.612	ng/u1	96
6) Benzaldehyde	6.840	77	287731	26.671	ng/u1	99
8) Phenol	6.887	94	511532	21.196	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.128	93	418670	21.274	ng/u1	99
12) 2-Chlorophenol	7.257	128	426365	22.617	ng/u1	97
13) 2-Methylphenol	8.134	108	398022	21.403	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.216	45	551215	19.892	ng/u1	98
16) Acetophenone	8.516	105	635974	20.747	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.504	70	323813	20.974	ng/u1	97
18) 4-Methylphenol	8.463	108	434987	20.895	ng/u1	98
19) Hexachloroethane	8.763	117	179236	22.677	ng/u1	97
22) Nitrobenzene	8.893	77	478008	21.862	ng/u1	97
23) Isophorone	9.416	82	940019	21.558	ng/u1	99
25) 2-Nitrophenol	9.599	139	245302	25.473	ng/u1	97
26) 2,4-Dimethylphenol	9.657	107	471602	22.034	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.899	93	581398	20.971	ng/u1	98
29) 2,4-Dichlorophenol	10.128	162	412125	22.509	ng/u1	99
30) Naphthalene	10.528	128	1429456	21.586	ng/u1	99
32) 4-Chloroaniline	10.640	127	578793	20.337	ng/u1	99
33) Hexachlorobutadiene	10.804	225	255169	22.141	ng/u1	97
34) Caprolactam	11.416	113	139926m	20.457	ng/u1	
35) 4-Chloro-3-methylphenol	11.769	107	452505	21.943	ng/u1	98
36) 2-Methylnaphthalene	12.145	142	978177	21.151	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.369	142	968800	20.636	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.516	216	504117	23.497	ng/ul	98
40) Hexachlorocyclopentadiene	12.492	237	225226	18.485	ng/ul	96
41) 2,4,6-Trichlorophenol	12.757	196	328352	24.491	ng/ul	99
42) 2,4,5-Trichlorophenol	12.828	196	355617	23.487	ng/ul	94
43) 1,1'-Biphenyl	13.169	154	1267023	22.360	ng/ul	99
44) 2-Chloronaphthalene	13.204	162	994778	22.301	ng/ul	100
45) 2-Nitroaniline	13.416	65	278961	23.499	ng/ul	99
47) Dimethylphthalate	13.798	163	1224180	21.351	ng/ul	99
48) 2,6-Dinitrotoluene	13.922	165	255756	24.058	ng/ul	98
50) Acenaphthylene	14.057	152	1646992	22.336	ng/ul	99
51) 3-Nitroaniline	14.245	138	277182	24.565	ng/ul	96
52) Acenaphthene	14.398	153	1071711	21.810	ng/ul	96
53) 2,4-Dinitrophenol	14.451	184	90527	18.540	ng/ul	90
55) 4-Nitrophenol	14.557	109	171380	20.374	ng/ul	97
56) Dibenzofuran	14.739	168	1444078	21.141	ng/ul	99
57) 2,4-Dinitrotoluene	14.710	165	359304	23.150	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.963	232	297674	23.672	ng/ul	98
59) Diethylphthalate	15.169	149	1255363	21.552	ng/ul	100
61) Fluorene	15.386	166	1151125	21.202	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.386	204	563226	21.144	ng/ul	97
63) 4-Nitroaniline	15.416	138	280242	25.547	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.469	198	169450	21.272	ng/ul	95
67) N-Nitrosodiphenylamine	15.604	169	1007630	22.029	ng/ul	99
68) 4-Bromophenyl-phenylether	16.281	248	354894	22.252	ng/ul	97
69) Hexachlorobenzene	16.386	284	403795	21.501	ng/ul	96
70) Atrazine	16.557	200	365388	23.047	ng/ul	99
71) Pentachlorophenol	16.733	266	252509	22.804	ng/ul	93
72) Phenanthrene	17.128	178	1832492	21.236	ng/ul	99
74) Anthracene	17.222	178	1895117	21.724	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.128	216	491573	23.823	ng/ul	96
76) Pentachlorobenzene	14.651	250	479015	22.855	ng/ul	96
77) Carbazole	17.492	167	1677076	21.922	ng/ul	98
78) Di-n-butylphthalate	18.063	149	2209423	23.674	ng/ul	99
80) Fluoranthene	19.151	202	2031661	26.203	ng/ul	99
82) Pyrene	19.516	202	2045952	24.986	ng/ul	99
83) Butylbenzylphthalate	20.427	149	952814	30.470	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.239	252	498556	22.366	ng/ul	99
85) Benzo(a)anthracene	21.310	228	1822376	22.509	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.245	149	1373755	29.789	ng/ul	98
87) Chrysene	21.374	228	1681812	22.008	ng/ul	96
89) Di-n-octyl phthalate	22.363	149	2299793	30.578	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	1518449	21.724	ng/ul	99
91) Benzo(k)fluoranthene	23.404	252	1516447	21.363	ng/ul	97
93) Benzo(a)pyrene	24.133	252	1416712	21.457	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.586	276	1589248	22.266	ng/ul	98
95) Dibenzo(a,h)anthracene	27.645	278	1346942	22.417	ng/ul	98
96) Benzo(g,h,i)perylene	28.627	276	1305191	23.293	ng/ul	93

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

