

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040424\
 Data File : BN030608.D
 Acq On : 02 Apr 2024 09:43
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020335

Manual Integrations
 APPROVED

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

Quant Time: Apr 02 22:21:40 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	272043	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	1208304	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.334	164	803791	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.081	188	1658173	20.000	ng/u1	0.00
79) Chrysene-d12	21.322	240	1557820	20.000	ng/u1	0.00
88) Perylene-d12	24.257	264	1596471	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	50440	8.693	ng/uL	0.00
4) Pyridine-d5	3.599	84	369248	21.225	ng/u1	0.00
7) Phenol-d5	6.858	99	454075	20.633	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	283003	20.820	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	373013	22.343	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	376054	20.389	ng/u1	0.00
21) Nitrobenzene-d5	8.852	128	186431	22.242	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	179776	23.445	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	374949	22.336	ng/u1	0.00
31) 4-Chloroaniline-d4	10.616	131	574072	20.772	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	1136884	21.185	ng/u1	0.00
49) Acenaphthylene-d8	14.028	160	1358825	22.022	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	209226	20.382	ng/u1	0.00
60) Fluorene-d10	15.328	176	1009559	21.498	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.451	200	143405	19.593	ng/u1	0.00
73) Anthracene-d10	17.181	188	1563985	21.891	ng/u1	0.00
81) Pyrene-d10	19.480	212	1759944	21.013	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.057	264	1623236	22.066	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	55130	8.870	ng/uL	97
5) Pyridine	3.617	79	376909	21.471	ng/u1	96
6) Benzaldehyde	6.840	77	263380m	25.700	ng/u1	
8) Phenol	6.887	94	475484	20.740	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.128	93	396582	21.213	ng/u1	99
12) 2-Chlorophenol	7.258	128	394783	22.044	ng/u1	98
13) 2-Methylphenol	8.134	108	364853	20.653	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.222	45	534781	20.315	ng/u1	99
16) Acetophenone	8.516	105	604520	20.759	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.505	70	299318	20.408	ng/u1	96
18) 4-Methylphenol	8.457	108	402151	20.334	ng/u1	99
19) Hexachloroethane	8.763	117	165567	22.051	ng/u1	97
22) Nitrobenzene	8.893	77	446382	21.816	ng/u1	100
23) Isophorone	9.416	82	848247	20.787	ng/u1	99
25) 2-Nitrophenol	9.599	139	205132	22.763	ng/u1	98
26) 2,4-Dimethylphenol	9.657	107	436570	21.796	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.899	93	543575	20.951	ng/u1	98
29) 2,4-Dichlorophenol	10.122	162	378729	22.103	ng/u1	98
30) Naphthalene	10.528	128	1331692	21.489	ng/u1	100
32) 4-Chloroaniline	10.640	127	558593	20.973	ng/u1	98
33) Hexachlorobutadiene	10.810	225	237230	21.996	ng/u1	98
34) Caprolactam	11.416	113	118662m	18.538	ng/u1	
35) 4-Chloro-3-methylphenol	11.763	107	404163	20.942	ng/u1	99
36) 2-Methylnaphthalene	12.146	142	924527	21.362	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	923642	21.024	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.510	216	468129	22.568	ng/ul	97
40) Hexachlorocyclopentadiene	12.493	237	242923	20.621	ng/ul	99
41) 2,4,6-Trichlorophenol	12.757	196	294744	22.738	ng/ul	99
42) 2,4,5-Trichlorophenol	12.828	196	329323	22.496	ng/ul	97
43) 1,1'-Biphenyl	13.169	154	1203696	21.971	ng/ul	99
44) 2-Chloronaphthalene	13.204	162	950877	22.048	ng/ul	99
45) 2-Nitroaniline	13.416	65	248772	21.675	ng/ul	98
47) Dimethylphthalate	13.798	163	1167323	21.057	ng/ul	100
48) 2,6-Dinitrotoluene	13.916	165	231792	22.552	ng/ul	97
50) Acenaphthylene	14.057	152	1568572	22.002	ng/ul	99
51) 3-Nitroaniline	14.245	138	244766	22.436	ng/ul	98
52) Acenaphthene	14.398	153	1021725	21.506	ng/ul	98
53) 2,4-Dinitrophenol	14.451	184	83535	17.695	ng/ul	97
55) 4-Nitrophenol	14.551	109	167832	20.637	ng/ul	96
56) Dibenzofuran	14.740	168	1409417	21.341	ng/ul	99
57) 2,4-Dinitrotoluene	14.704	165	331151	22.068	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.963	232	269893	22.199	ng/ul	98
59) Diethylphthalate	15.169	149	1182795	21.002	ng/ul	99
61) Fluorene	15.387	166	1147310	21.856	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.387	204	545218	21.170	ng/ul	98
63) 4-Nitroaniline	15.410	138	249842	23.557	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.463	198	160447	20.402	ng/ul	98
67) N-Nitrosodiphenylamine	15.598	169	984078	21.792	ng/ul	98
68) 4-Bromophenyl-phenylether	16.281	248	344279	21.865	ng/ul	99
69) Hexachlorobenzene	16.381	284	397331	21.430	ng/ul	96
70) Atrazine	16.557	200	336068	21.471	ng/ul	98
71) Pentachlorophenol	16.728	266	237282	21.706	ng/ul	97
72) Phenanthrene	17.128	178	1872087	21.975	ng/ul	99
74) Anthracene	17.216	178	1895389	22.008	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.128	216	463290	22.742	ng/ul	99
76) Pentachlorobenzene	14.651	250	451681	21.829	ng/ul	94
77) Carbazole	17.486	167	1722089	22.801	ng/ul	99
78) Di-n-butylphthalate	18.063	149	2086289	22.643	ng/ul	100
80) Fluoranthene	19.145	202	2150350	21.598	ng/ul	99
82) Pyrene	19.510	202	2246926	21.369	ng/ul	100
83) Butylbenzylphthalate	20.422	149	903417	22.498	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.233	252	668588	23.357	ng/ul	99
85) Benzo(a)anthracene	21.304	228	2209395	21.251	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	1368074	23.102	ng/ul	98
87) Chrysene	21.363	228	2120462	21.608	ng/ul	99
89) Di-n-octyl phthalate	22.357	149	2272264	22.475	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	2077312	22.110	ng/ul	98
91) Benzo(k)fluoranthene	23.392	252	2160409	22.642	ng/ul	99
93) Benzo(a)pyrene	24.121	252	1929367	21.738	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.556	276	1985712	20.697	ng/ul	100
95) Dibenzo(a,h)anthracene	27.621	278	1674758	20.735	ng/ul	96
96) Benzo(g,h,i)perylene	28.592	276	1536753	20.403	ng/ul	93

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

