

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050222\
 Data File : BN019640.D
 Acq On : 03 May 2022 04:06
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020308

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/05/2022

Supervised By :Yogesh Patel 05/09/2022

Quant Time: May 03 05:04:36 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042722.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue May 03 03:31:44 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	163977	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	678158	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.487	164	381898	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.228	188	739472	20.000	ng/u1	0.00
79) Chrysene-d12	21.410	240	701591	20.000	ng/u1	0.00
88) Perylene-d12	23.757	264	715475	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	36960	8.506	ng/uL	0.00
4) Pyridine-d5	3.740	84	233874	21.255	ng/u1	0.00
7) Phenol-d5	7.028	99	305691	21.512	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	179640	21.795	ng/u1	0.00
11) 2-Chlorophenol-d4	7.399	132	248698	22.064	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	237523	21.820	ng/u1	0.00
21) Nitrobenzene-d5	9.016	128	116896	23.641	ng/u1	0.00
24) 2-Nitrophenol-d4	9.740	143	120194	24.666	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	223197	22.882	ng/u1	0.00
31) 4-Chloroaniline-d4	10.787	131	325884	22.009	ng/u1	0.00
46) Dimethylphthalate-d6	13.898	166	593111	22.611	ng/u1	0.00
49) Acenaphthylene-d8	14.181	160	786329	22.171	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	115589m	22.658	ng/u1	0.00
60) Fluorene-d10	15.481	176	509023	21.983	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	77520	20.535	ng/u1	0.00
73) Anthracene-d10	17.328	188	766563	22.012	ng/u1	0.00
81) Pyrene-d10	19.616	212	842079	20.876	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.610	264	811406	22.185	ng/u1	0.00
Target Compounds	Qvalue					
2) 1,4-Dioxane	3.375	88	35045	7.908	ng/uL	94
5) Pyridine	3.764	79	245391	21.164	ng/u1	97
6) Benzaldehyde	7.005	77	168969	23.200	ng/u1	93
8) Phenol	7.058	94	313144	21.899	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.293	93	240335	21.662	ng/u1	98
12) 2-Chlorophenol	7.434	128	252252	22.037	ng/u1	97
13) 2-Methylphenol	8.305	108	226399	21.384	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.399	45	370424	23.231	ng/u1	97
16) Acetophenone	8.687	105	373704	22.876	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.675	70	177506	23.348	ng/u1	93
18) 4-Methylphenol	8.634	108	248960	21.962	ng/u1	98
19) Hexachloroethane	8.952	117	105544	22.745	ng/u1	88
22) Nitrobenzene	9.063	77	269985	23.159	ng/u1	94
23) Isophorone	9.587	82	474552	22.824	ng/u1	99
25) 2-Nitrophenol	9.775	139	132603	24.099	ng/u1	99
26) 2,4-Dimethylphenol	9.834	107	271734	22.169	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.075	93	299092	21.876	ng/u1	98
29) 2,4-Dichlorophenol	10.304	162	221304	22.630	ng/u1	100
30) Naphthalene	10.710	128	787315	21.678	ng/u1	100
32) 4-Chloroaniline	10.810	127	330548	22.210	ng/u1	97
33) Hexachlorobutadiene	11.004	225	133091	22.684	ng/u1	96
34) Caprolactam	11.557	113	60347	21.819	ng/u1	95
35) 4-Chloro-3-methylphenol	11.940	107	231989	22.412	ng/u1	98
36) 2-Methylnaphthalene	12.322	142	506593	21.673	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	513156	21.929	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.687	216	234526	22.132	ng/ul	98
40) Hexachlorocyclopentadiene	12.675	237	125365	19.227	ng/ul	98
41) 2,4,6-Trichlorophenol	12.922	196	148921	22.529	ng/ul	94
42) 2,4,5-Trichlorophenol	12.993	196	165050	22.996	ng/ul	98
43) 1,1'-Biphenyl	13.328	154	657736	21.783	ng/ul	99
44) 2-Chloronaphthalene	13.363	162	502712	21.791	ng/ul	99
45) 2-Nitroaniline	13.563	65	139699	25.235	ng/ul	94
47) Dimethylphthalate	13.945	163	576440	22.129	ng/ul	99
48) 2,6-Dinitrotoluene	14.057	165	114158	25.404	ng/ul	97
50) Acenaphthylene	14.210	152	813956	22.339	ng/ul	98
51) 3-Nitroaniline	14.381	138	92309	20.041	ng/ul	99
52) Acenaphthene	14.551	153	514190	21.562	ng/ul	98
53) 2,4-Dinitrophenol	14.587	184	50467	20.246	ng/ul	95
55) 4-Nitrophenol	14.687	109	96273	23.749	ng/ul	95
56) Dibenzofuran	14.887	168	718903	21.581	ng/ul	99
57) 2,4-Dinitrotoluene	14.845	165	164014	25.100	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.110	232	124916	23.861	ng/ul#	87
59) Diethylphthalate	15.310	149	589382	23.004	ng/ul	95
61) Fluorene	15.534	166	574399	22.212	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.534	204	260611	22.289	ng/ul	94
63) 4-Nitroaniline	15.539	138	60058	15.214	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.604	198	78743	20.508	ng/ul#	93
67) N-Nitrosodiphenylamine	15.739	169	494679	21.802	ng/ul	98
68) 4-Bromophenyl-phenylether	16.422	248	151548	21.815	ng/ul#	89
69) Hexachlorobenzene	16.539	284	172127	22.028	ng/ul#	88
70) Atrazine	16.692	200	159324	22.012	ng/ul	97
71) Pentachlorophenol	16.881	266	100836	21.265	ng/ul	98
72) Phenanthrene	17.269	178	894619	21.648	ng/ul	98
74) Anthracene	17.357	178	912942	22.116	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.293	216	248252	21.778	ng/ul	95
76) Pentachlorobenzene	14.810	250	211578	21.306	ng/ul	95
77) Carbazole	17.628	167	828911	22.088	ng/ul	98
78) Di-n-butylphthalate	18.204	149	942786	23.485	ng/ul	99
80) Fluoranthene	19.286	202	1000500	21.042	ng/ul	98
82) Pyrene	19.645	202	1061925	21.441	ng/ul#	95
83) Butylbenzylphthalate	20.551	149	427744	23.348	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.327	252	264437	18.768	ng/ul#	92
85) Benzo(a)anthracene	21.392	228	1007891	22.430	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.339	149	657401	23.387	ng/ul	98
87) Chrysene	21.445	228	965041	21.864	ng/ul	99
89) Di-n-octyl phthalate	22.245	149	1113620	22.736	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	985628m	21.295	ng/ul	
91) Benzo(k)fluoranthene	23.098	252	968078	23.058	ng/ul	97
93) Benzo(a)pyrene	23.651	252	982244	22.347	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	26.174	276	1113752	22.111	ng/ul	94
95) Dibenzo(a,h)anthracene	26.198	278	963029	22.360	ng/ul	97
96) Benzo(g,h,i)perylene	26.915	276	949717	21.436	ng/ul	94

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

