

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
 Data File : BN020196.D
 Acq On : 16 Jun 2022 05:09
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020323

Quant Time: Jun 17 02:23:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 16 00:50:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/17/2022
 Supervised By :mohammad ahmed 06/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	133089	20.000	ng/u1	0.00
20) Naphthalene-d8	10.581	136	629568	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	411913	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	877087	20.000	ng/u1	0.00
79) Chrysene-d12	21.351	240	836604	20.000	ng/u1	-0.01
88) Perylene-d12	23.669	264	806813	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	24818	8.077	ng/uL	0.00
4) Pyridine-d5	3.670	84	164002	19.527	ng/u1	0.00
7) Phenol-d5	6.987	99	222771	20.228	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.128	67	138425	20.118	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	188133	21.025	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	195403	20.509	ng/u1	0.01
21) Nitrobenzene-d5	8.946	128	94406	19.711	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	107023	21.055	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	182958	20.618	ng/u1	0.01
31) 4-Chloroaniline-d4	10.716	131	288198	20.055	ng/u1	0.00
46) Dimethylphthalate-d6	13.834	166	597553	19.937	ng/u1	0.00
49) Acenaphthylene-d8	14.116	160	712324	20.494	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	108621	18.086	ng/u1	0.04
60) Fluorene-d10	15.416	176	505181	20.369	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.540	200	104738	20.615	ng/u1	0.00
73) Anthracene-d10	17.263	188	786694	20.552	ng/u1	0.00
81) Pyrene-d10	19.557	212	903135	19.913	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.516	264	796663	20.181	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	26007	8.017	ng/uL	97
5) Pyridine	3.687	79	172754	19.621	ng/u1	94
6) Benzaldehyde	6.934	77	120915	23.302	ng/u1	95
8) Phenol	7.016	94	238192	20.312	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.216	93	188347	20.521	ng/u1	99
12) 2-Chlorophenol	7.369	128	192341	20.564	ng/u1	99
13) 2-Methylphenol	8.258	108	184282	20.441	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.328	45	292013	20.289	ng/u1	98
16) Acetophenone	8.611	105	306968	21.185	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.599	70	151816	20.510	ng/u1	95
18) 4-Methylphenol	8.581	108	204585	20.561	ng/u1	94
19) Hexachloroethane	8.869	117	75278	20.002	ng/u1	85
22) Nitrobenzene	8.987	77	217946	19.625	ng/u1	97
23) Isophorone	9.516	82	428927	19.562	ng/u1	98
25) 2-Nitrophenol	9.699	139	116682	20.774	ng/u1	99
26) 2,4-Dimethylphenol	9.775	107	236277	20.305	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.999	93	264141	19.685	ng/u1	96
29) 2,4-Dichlorophenol	10.246	162	191710	20.886	ng/u1	99
30) Naphthalene	10.634	128	659354	20.208	ng/u1	99
32) 4-Chloroaniline	10.740	127	291355	20.271	ng/u1	100
33) Hexachlorobutadiene	10.928	225	105218	19.965	ng/u1	98
34) Caprolactam	11.499	113	66852	18.650	ng/u1	98
35) 4-Chloro-3-methylphenol	11.899	107	230910	21.305	ng/u1	99
36) 2-Methylnaphthalene	12.246	142	453890	20.576	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.463	142	458552	20.371	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.622	216	210202	20.009	ng/ul	98
40) Hexachlorocyclopentadiene	12.604	237	113919	17.826	ng/ul	95
41) 2,4,6-Trichlorophenol	12.863	196	151892	20.968	ng/ul	92
42) 2,4,5-Trichlorophenol	12.951	196	164610	20.518	ng/ul	95
43) 1,1'-Biphenyl	13.257	154	610510	20.016	ng/ul	98
44) 2-Chloronaphthalene	13.298	162	469417	20.287	ng/ul	97
45) 2-Nitroaniline	13.504	65	146411	20.339	ng/ul	94
47) Dimethylphthalate	13.881	163	602015	19.953	ng/ul	98
48) 2,6-Dinitrotoluene	13.998	165	118698	20.121	ng/ul	99
50) Acenaphthylene	14.146	152	778187	20.222	ng/ul	100
51) 3-Nitroaniline	14.328	138	126951	20.356	ng/ul	95
52) Acenaphthene	14.487	153	501375	19.946	ng/ul	100
53) 2,4-Dinitrophenol	14.534	184	87595	23.192	ng/ul	94
55) 4-Nitrophenol	14.675	109	94222	18.379	ng/ul	97
56) Dibenzofuran	14.822	168	707134	19.968	ng/ul	97
57) 2,4-Dinitrotoluene	14.787	165	183340	20.990	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.057	232	129682	20.592	ng/ul	90
59) Diethylphthalate	15.251	149	615942	19.828	ng/ul	98
61) Fluorene	15.469	166	572784	20.786	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.463	204	264648	20.854	ng/ul	90
63) 4-Nitroaniline	15.487	138	125442m	21.525	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.551	198	105445	20.471	ng/ul#	92
67) N-Nitrosodiphenylamine	15.681	169	506805	20.156	ng/ul	99
68) 4-Bromophenyl-phenylether	16.357	248	155392	20.344	ng/ul#	90
69) Hexachlorobenzene	16.475	284	178531	20.334	ng/ul#	90
70) Atrazine	16.634	200	180381	20.560	ng/ul	97
71) Pentachlorophenol	16.828	266	104538	19.116	ng/ul	97
72) Phenanthrene	17.204	178	921356	19.905	ng/ul	99
74) Anthracene	17.298	178	945691	20.319	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.222	216	226755	19.306	ng/uL	97
76) Pentachlorobenzene	14.745	250	209148	20.148	ng/uL	95
77) Carbazole	17.569	167	898279	21.215	ng/ul	99
78) Di-n-butylphthalate	18.139	149	1074442	20.464	ng/ul	100
80) Fluoranthene	19.222	202	1102150	20.121	ng/ul	97
82) Pyrene	19.586	202	1126797	20.051	ng/ul	95
83) Butylbenzylphthalate	20.492	149	524363	20.733	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.269	252	347209	21.729	ng/ul#	98
85) Benzo(a)anthracene	21.333	228	1043324	19.749	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.275	149	751743	21.067	ng/ul	100
87) Chrysene	21.386	228	1050808	20.331	ng/ul	98
89) Di-n-octyl phthalate	22.174	149	1345433	20.489	ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	1043407m	20.606	ng/ul	
91) Benzo(k)fluoranthene	23.010	252	989454	20.527	ng/ul	95
93) Benzo(a)pyrene	23.563	252	986952	20.136	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	26.033	276	1005723	19.943	ng/ul	95
95) Dibenzo(a,h)anthracene	26.057	278	857889	19.916	ng/ul	97
96) Benzo(g,h,i)perylene	26.768	276	859284	20.177	ng/ul	94

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

