

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
 Data File : BN022671.D
 Acq On : 16 Nov 2022 05:13
 Operator : CG/JU
 Sample : SSTDCC020
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020355

Quant Time: Nov 16 05:50:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 15 22:53:43 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/16/2022
 Supervised By :mohammad ahmed 11/16/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	88543	20.000	ng/u1	0.00
20) Naphthalene-d8	10.704	136	405283	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.557	164	258522	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.322	188	527662	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	480925	20.000	ng/u1	0.00
88) Perylene-d12	23.962	264	454144	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	19598	7.557	ng/uL	0.00
4) Pyridine-d5	3.628	84	140941	19.217	ng/u1	0.00
7) Phenol-d5	7.052	99	160901	19.240	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	98986	19.742	ng/u1	0.00
11) 2-Chlorophenol-d4	7.405	132	120231	19.632	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	131487	19.916	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	62865	20.039	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	68589	19.595	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	120032	20.115	ng/u1	0.00
31) 4-Chloroaniline-d4	10.851	131	179778	19.779	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	361884	19.245	ng/u1	0.00
49) Acenaphthylene-d8	14.251	160	414331	19.998	ng/u1	0.00
54) 4-Nitrophenol-d4	14.792	143	69305	18.488	ng/u1	0.00
60) Fluorene-d10	15.557	176	302048	19.585	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	56314	16.790	ng/u1	0.00
73) Anthracene-d10	17.422	188	460159	19.916	ng/u1	0.00
81) Pyrene-d10	19.727	212	489957	19.659	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.804	264	441117	19.322	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	21010	7.613	ng/uL#	92
5) Pyridine	3.646	79	138365	19.027	ng/u1	95
6) Benzaldehyde	7.010	77	91050	21.520	ng/u1	98
8) Phenol	7.075	94	170912	19.623	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.299	93	132032	19.454	ng/u1	99
12) 2-Chlorophenol	7.434	128	131357	20.087	ng/u1	99
13) 2-Methylphenol	8.340	108	127704	19.698	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.410	45	177779	19.844	ng/u1	100
16) Acetophenone	8.716	105	210595	19.986	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.699	70	113379	20.189	ng/u1	99
18) 4-Methylphenol	8.675	108	140809	20.003	ng/u1	97
19) Hexachloroethane	8.957	117	53297	19.250	ng/u1	99
22) Nitrobenzene	9.099	77	166069	19.539	ng/u1	100
23) Isophorone	9.628	82	314916	19.371	ng/u1	98
25) 2-Nitrophenol	9.816	139	77153	20.049	ng/u1	97
26) 2,4-Dimethylphenol	9.881	107	165590	20.059	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.116	93	182713	19.489	ng/u1	99
29) 2,4-Dichlorophenol	10.357	162	123198	20.312	ng/u1	98
30) Naphthalene	10.751	128	424928	19.754	ng/u1	100
32) 4-Chloroaniline	10.875	127	185000	19.489	ng/u1	99
33) Hexachlorobutadiene	11.028	225	72716	19.478	ng/u1	90
34) Caprolactam	11.669	113	43191m	18.771	ng/u1	
35) 4-Chloro-3-methylphenol	12.016	107	159592	20.175	ng/u1	98
36) 2-Methylnaphthalene	12.375	142	287518	19.620	ng/u1	100

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37) 1-Methylnaphthalene	12.592	142	286502	19.503	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.740	216	137150	19.765	ng/ul	99
40) Hexachlorocyclopentadiene	12.710	237	69601	17.180	ng/ul	99
41) 2,4,6-Trichlorophenol	12.992	196	98242	19.941	ng/ul	99
42) 2,4,5-Trichlorophenol	13.069	196	102919	19.727	ng/ul	96
43) 1,1'-Biphenyl	13.392	154	376457	19.839	ng/ul	99
44) 2-Chloronaphthalene	13.434	162	295955	20.015	ng/ul	96
45) 2-Nitroaniline	13.651	65	107590	20.036	ng/ul	97
47) Dimethylphthalate	14.022	163	380553	19.255	ng/ul	99
48) 2,6-Dinitrotoluene	14.151	165	79860	19.961	ng/ul	98
50) Acenaphthylene	14.281	152	455946	19.699	ng/ul	99
51) 3-Nitroaniline	14.481	138	82112	19.062	ng/ul	96
52) Acenaphthene	14.622	153	323480	19.698	ng/ul	98
53) 2,4-Dinitrophenol	14.692	184	38251	13.681	ng/ul	99
55) 4-Nitrophenol	14.804	109	69636	18.741	ng/ul	97
56) Dibenzofuran	14.963	168	427852	19.719	ng/ul	98
57) 2,4-Dinitrotoluene	14.939	165	115683	19.856	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.192	232	88104	19.717	ng/ul	99
59) Diethylphthalate	15.386	149	407516	19.454	ng/ul	100
61) Fluorene	15.610	166	360011	19.868	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.604	204	166614	19.507	ng/ul	94
63) 4-Nitroaniline	15.651	138	76289	19.859	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.704	198	59923	17.285	ng/ul	97
67) N-Nitrosodiphenylamine	15.828	169	311779	19.735	ng/ul	99
68) 4-Bromophenyl-phenylether	16.504	248	103038	19.830	ng/ul	99
69) Hexachlorobenzene	16.616	284	121556	20.012	ng/ul	95
70) Atrazine	16.786	200	111327	19.769	ng/ul	98
71) Pentachlorophenol	16.969	266	68679	17.796	ng/ul	98
72) Phenanthrene	17.363	178	549331	19.315	ng/ul	98
74) Anthracene	17.457	178	573575	19.910	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.351	216	138841	19.953	ng/ul	98
76) Pentachlorobenzene	14.875	250	149779	19.944	ng/ul	94
77) Carbazole	17.733	167	528081	19.729	ng/ul	98
78) Di-n-butylphthalate	18.292	149	694527	18.232	ng/ul	99
80) Fluoranthene	19.392	202	625108	20.096	ng/ul	98
82) Pyrene	19.757	202	645500	20.258	ng/ul	99
83) Butylbenzylphthalate	20.657	149	315245	19.436	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.451	252	206533	19.464	ng/ul	94
85) Benzo(a)anthracene	21.516	228	606667	19.103	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.433	149	462041	19.300	ng/ul	98
87) Chrysene	21.569	228	564101	18.756	ng/ul	99
89) Di-n-octyl phthalate	22.368	149	796026	19.930	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	573468	18.633	ng/ul	98
91) Benzo(k)fluoranthene	23.263	252	574889	19.679	ng/ul	98
93) Benzo(a)pyrene	23.857	252	487794	18.699	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.521	276	527434m	17.777	ng/ul	
95) Dibenzo(a,h)anthracene	26.533	278	484040	18.203	ng/ul	94
96) Benzo(g,h,i)perylene	27.298	276	457685	17.693	ng/ul	98

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

