

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
 Data File : BN022084.D
 Acq On : 13 Oct 2022 12:27
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020340

Quant Time: Oct 13 22:38:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 13 03:08:08 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2022
 Supervised By :mohammad ahmed 10/16/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	142142	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	683599	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.634	164	454449	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	946691	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	922656	20.000	ng/u1	0.00
88) Perylene-d12	24.057	264	986017	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	31348	8.359	ng/uL	0.00
4) Pyridine-d5	3.693	84	232553	19.935	ng/u1	0.00
7) Phenol-d5	7.110	99	272431	19.605	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	180891	20.774	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	204152	21.189	ng/u1	0.00
15) 4-Methylphenol-d8	8.681	113	217934	19.737	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	103809	20.710	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	110645	21.536	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	205732	21.333	ng/u1	0.00
31) 4-Chloroaniline-d4	10.934	131	323758	20.534	ng/u1	0.00
46) Dimethylphthalate-d6	14.039	166	653935	20.643	ng/u1	0.00
49) Acenaphthylene-d8	14.328	160	750483	21.215	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	137186	20.288	ng/u1	0.00
60) Fluorene-d10	15.628	176	557545	20.866	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	105300	19.497	ng/u1	0.00
73) Anthracene-d10	17.486	188	862416	20.963	ng/u1	0.00
81) Pyrene-d10	19.786	212	966816	21.047	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.892	264	952325	19.694	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	34582	8.461	ng/uL	99
5) Pyridine	3.716	79	236026	20.395	ng/u1	97
6) Benzaldehyde	7.087	77	164049	23.906	ng/u1	95
8) Phenol	7.140	94	295704	20.049	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.381	93	236668	20.170	ng/u1	99
12) 2-Chlorophenol	7.510	128	219839	20.664	ng/u1	99
13) 2-Methylphenol	8.410	108	217900	19.760	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.499	45	351554	20.938	ng/u1	100
16) Acetophenone	8.799	105	366209	20.758	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.781	70	196354	20.897	ng/u1	100
18) 4-Methylphenol	8.740	108	249501	20.207	ng/u1	98
19) Hexachloroethane	9.046	117	87200	20.994	ng/u1	97
22) Nitrobenzene	9.181	77	282779	21.364	ng/u1	99
23) Isophorone	9.710	82	547300	20.944	ng/u1	99
25) 2-Nitrophenol	9.899	139	127003	20.946	ng/u1	99
26) 2,4-Dimethylphenol	9.957	107	271606	21.246	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.199	93	342759	20.976	ng/u1	99
29) 2,4-Dichlorophenol	10.434	162	215810	21.457	ng/u1	98
30) Naphthalene	10.840	128	757424	20.683	ng/u1	99
32) 4-Chloroaniline	10.957	127	341292	20.881	ng/u1	99
33) Hexachlorobutadiene	11.122	225	116513	21.113	ng/u1	98
34) Caprolactam	11.734	113	74139m	18.971	ng/u1	
35) 4-Chloro-3-methylphenol	12.081	107	260672	21.498	ng/u1	96
36) 2-Methylnaphthalene	12.451	142	523488	20.700	ng/u1	94

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.675	142	534135	21.091	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.822	216	247714	21.013	ng/ul	98
40) Hexachlorocyclopentadiene	12.793	237	132228	20.063	ng/ul	87
41) 2,4,6-Trichlorophenol	13.063	196	170865	21.256	ng/ul	100
42) 2,4,5-Trichlorophenol	13.134	196	189108	21.124	ng/ul	96
43) 1,1'-Biphenyl	13.463	154	685961	20.677	ng/ul	96
44) 2-Chloronaphthalene	13.510	162	532609	20.547	ng/ul	97
45) 2-Nitroaniline	13.716	65	170726	21.260	ng/ul	94
47) Dimethylphthalate	14.087	163	703557	20.661	ng/ul	100
48) 2,6-Dinitrotoluene	14.210	165	131879	20.676	ng/ul	100
50) Acenaphthylene	14.351	152	862546	21.351	ng/ul	98
51) 3-Nitroaniline	14.545	138	155812	20.689	ng/ul	100
52) Acenaphthene	14.698	153	596396	20.818	ng/ul	99
53) 2,4-Dinitrophenol	14.745	184	77884	18.026	ng/ul	93
55) 4-Nitrophenol	14.845	109	110345	20.127	ng/ul	95
56) Dibenzofuran	15.028	168	806217	20.623	ng/ul	98
57) 2,4-Dinitrotoluene	14.998	165	200552	21.463	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.257	232	156950	21.066	ng/ul	99
59) Diethylphthalate	15.451	149	700554	20.255	ng/ul	98
61) Fluorene	15.681	166	652395	20.759	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.675	204	305908	20.774	ng/ul	98
63) 4-Nitroaniline	15.710	138	157894	22.469	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.763	198	113793	19.625	ng/ul	97
67) N-Nitrosodiphenylamine	15.892	169	580592	21.207	ng/ul	96
68) 4-Bromophenyl-phenylether	16.575	248	184445	22.055	ng/ul	85
69) Hexachlorobenzene	16.686	284	208405	20.472	ng/ul	95
70) Atrazine	16.845	200	184311	19.991	ng/ul	95
71) Pentachlorophenol	17.033	266	132195	21.000	ng/ul	97
72) Phenanthrene	17.428	178	1068643	20.926	ng/ul	96
74) Anthracene	17.522	178	1075203	21.197	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.428	216	250804	21.063	ng/uL	98
76) Pentachlorobenzene	14.951	250	268343	20.996	ng/uL	93
77) Carbazole	17.792	167	1004667	21.414	ng/ul	100
78) Di-n-butylphthalate	18.357	149	1227179	21.105	ng/ul	100
80) Fluoranthene	19.451	202	1198782	20.789	ng/ul	95
82) Pyrene	19.816	202	1275354	21.141	ng/ul	98
83) Butylbenzylphthalate	20.716	149	549729	21.003	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.504	252	418033	20.950	ng/ul	99
85) Benzo(a)anthracene	21.569	228	1211133m	20.543	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.492	149	803652	21.229	ng/ul#	97
87) Chrysene	21.621	228	1185842	20.930	ng/ul	96
89) Di-n-octyl phthalate	22.433	149	1453123	20.800	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	1212755	19.501	ng/ul	99
91) Benzo(k)fluoranthene	23.345	252	1284965	20.914	ng/ul	99
93) Benzo(a)pyrene	23.945	252	1164671	20.954	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.645	276	1365418	19.654	ng/ul	98
95) Dibenzo(a,h)anthracene	26.662	278	1214578	19.542	ng/ul	98
96) Benzo(g,h,i)perylene	27.445	276	1174806	18.797	ng/ul	99

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

