

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102922\
 Data File : BN022363.D
 Acq On : 27 Oct 2022 16:09
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020350

Quant Time: Oct 28 00:29:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 28 00:29:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/28/2022
 Supervised By :mohammad ahmed 10/28/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	174957	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	766174	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	441470	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	765670	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	492472	20.000	ng/u1	0.00
88) Perylene-d12	24.033	264	501663	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	39892	8.642	ng/uL	0.00
4) Pyridine-d5	3.681	84	288897	20.120	ng/u1	0.00
7) Phenol-d5	7.093	99	336382	19.667	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	210742	19.663	ng/u1	0.00
11) 2-Chlorophenol-d4	7.463	132	251659	21.221	ng/u1	0.00
15) 4-Methylphenol-d8	8.657	113	258412	19.014	ng/u1	0.00
21) Nitrobenzene-d5	9.116	128	125951	22.419	ng/u1	0.00
24) 2-Nitrophenol-d4	9.845	143	135449	23.522	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.386	165	237459	21.969	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	344611	19.501	ng/u1	0.00
46) Dimethylphthalate-d6	14.022	166	616170	20.022	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	746222	21.714	ng/u1	0.00
54) 4-Nitrophenol-d4	14.822	143	115833	17.634	ng/u1	0.00
60) Fluorene-d10	15.604	176	517541	19.939	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	77196	17.673	ng/u1	0.00
73) Anthracene-d10	17.468	188	715742	21.511	ng/u1	0.00
81) Pyrene-d10	19.768	212	635627	25.924	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.874	264	523093	21.262	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	41322	8.214	ng/uL	98
5) Pyridine	3.704	79	286698	20.127	ng/u1	95
6) Benzaldehyde	7.069	77	183377	21.711	ng/u1	99
8) Phenol	7.122	94	355877	19.603	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.357	93	284209	19.678	ng/u1	99
12) 2-Chlorophenol	7.492	128	275394	21.031	ng/u1	98
13) 2-Methylphenol	8.392	108	264564	19.492	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.475	45	397882	19.252	ng/u1	99
16) Acetophenone	8.775	105	414654	19.096	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.763	70	216503	18.720	ng/u1	99
18) 4-Methylphenol	8.728	108	286272	18.836	ng/u1	98
19) Hexachloroethane	9.022	117	112199	21.946	ng/u1	97
22) Nitrobenzene	9.163	77	323333	21.796	ng/u1	100
23) Isophorone	9.692	82	602641	20.576	ng/u1	99
25) 2-Nitrophenol	9.875	139	155087	22.821	ng/u1	98
26) 2,4-Dimethylphenol	9.934	107	303943	21.213	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.175	93	371745	20.298	ng/u1	99
29) 2,4-Dichlorophenol	10.416	162	239028	21.205	ng/u1	99
30) Naphthalene	10.816	128	873159	21.274	ng/u1	99
32) 4-Chloroaniline	10.933	127	355642	19.414	ng/u1	98
33) Hexachlorobutadiene	11.092	225	133089	21.517	ng/u1	94
34) Caprolactam	11.722	113	75720	17.288	ng/u1	100
35) 4-Chloro-3-methylphenol	12.063	107	271755	19.996	ng/u1	98
36) 2-Methylnaphthalene	12.433	142	568105	20.043	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.651	142	565543	19.925	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.804	216	259920	22.696	ng/ul	95
40) Hexachlorocyclopentadiene	12.775	237	134140	20.952	ng/ul	96
41) 2,4,6-Trichlorophenol	13.045	196	172903	22.142	ng/ul	98
42) 2,4,5-Trichlorophenol	13.116	196	187236	21.530	ng/ul	95
43) 1,1'-Biphenyl	13.445	154	706634	21.926	ng/ul	97
44) 2-Chloronaphthalene	13.486	162	554250	22.010	ng/ul	97
45) 2-Nitroaniline	13.698	65	170223	21.820	ng/ul	95
47) Dimethylphthalate	14.075	163	645505	19.514	ng/ul	100
48) 2,6-Dinitrotoluene	14.198	165	130377	21.041	ng/ul	96
50) Acenaphthylene	14.333	152	827985	21.098	ng/ul	98
51) 3-Nitroaniline	14.527	138	149221	20.396	ng/ul	99
52) Acenaphthene	14.674	153	574850	20.655	ng/ul	97
53) 2,4-Dinitrophenol	14.739	184	57508	13.701	ng/ul	99
55) 4-Nitrophenol	14.833	109	92467	17.362	ng/ul	97
56) Dibenzofuran	15.010	168	736095	19.383	ng/ul	96
57) 2,4-Dinitrotoluene	14.986	165	179088	19.729	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.239	232	144337	19.943	ng/ul	95
59) Diethylphthalate	15.433	149	643732	19.159	ng/ul	98
61) Fluorene	15.663	166	611464	20.028	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.657	204	287228	20.079	ng/ul	97
63) 4-Nitroaniline	15.692	138	147554	21.615	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.751	198	85536	18.240	ng/ul	97
67) N-Nitrosodiphenylamine	15.874	169	522517	23.598	ng/ul	98
68) 4-Bromophenyl-phenylether	16.551	248	166138	24.563	ng/ul	91
69) Hexachlorobenzene	16.668	284	179750	21.832	ng/ul	92
70) Atrazine	16.827	200	162132	21.743	ng/ul	96
71) Pentachlorophenol	17.016	266	102032	20.041	ng/ul#	88
72) Phenanthrene	17.410	178	880822	21.326	ng/ul	98
74) Anthracene	17.504	178	886533	21.609	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.410	216	261560	27.160	ng/uL	97
76) Pentachlorobenzene	14.927	250	246935	23.889	ng/uL	93
77) Carbazole	17.780	167	783963	20.660	ng/ul	99
78) Di-n-butylphthalate	18.339	149	1036425	22.038	ng/ul	99
80) Fluoranthene	19.433	202	829239	26.942	ng/ul	95
82) Pyrene	19.798	202	848657	26.356	ng/ul	100
83) Butylbenzylphthalate	20.698	149	357627	25.599	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.492	252	180047	16.905	ng/ul	97
85) Benzo(a)anthracene	21.556	228	688567m	21.882	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.474	149	503241	24.906	ng/ul	97
87) Chrysene	21.609	228	639600	21.150	ng/ul	99
89) Di-n-octyl phthalate	22.421	149	751654	21.148	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	670821	21.201	ng/ul	95
91) Benzo(k)fluoranthene	23.327	252	634914	20.311	ng/ul	96
93) Benzo(a)pyrene	23.921	252	578598	20.461	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.621	276	714316	20.210	ng/ul	98
95) Dibenzo(a,h)anthracene	26.633	278	654641	20.702	ng/ul	99
96) Benzo(g,h,i)perylene	27.409	276	653737	20.559	ng/ul	98

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

