

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
 Data File : BN034442.D
 Acq On : 07 Oct 2024 17:36
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020338

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/08/2024
 Supervised By :mohammad ahmed 10/09/2024

Quant Time: Oct 07 18:48:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 30 14:14:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	208560	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.133	136	834792	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.033	164	508185	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.792	188	996492	20.000	ng/ul	0.00
79) Chrysene-d12	21.027	240	775843	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	922059	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.999	96	38747	7.581	ng/uL	0.00
4) Pyridine-d5	3.381	84	251496	16.555	ng/ul	0.00
7) Phenol-d5	6.581	99	316936	17.123	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	192008	16.719	ng/ul	0.00
11) 2-Chlorophenol-d4	6.916	132	284865	19.552	ng/ul	-0.01
15) 4-Methylphenol-d8	8.098	113	265018	17.401	ng/ul	0.00
21) Nitrobenzene-d5	8.522	128	135518	20.367	ng/ul	0.00
24) 2-Nitrophenol-d4	9.234	143	147520	21.560	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	266749	20.701	ng/ul	0.00
31) 4-Chloroaniline-d4	10.281	131	352097	18.049	ng/ul	-0.01
46) Dimethylphthalate-d6	13.457	166	725088	19.092	ng/ul	-0.01
49) Acenaphthylene-d8	13.716	160	853769	19.983	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.269	143	125700	16.127	ng/ul	0.00
60) Fluorene-d10	15.033	176	612997	19.045	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.174	200	105498	17.756	ng/ul	0.00
73) Anthracene-d10	16.886	188	913433	19.497	ng/ul	-0.01
81) Pyrene-d10	19.198	212	952768	22.041	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.550	264	912891	19.274	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.028	88	42288	7.844	ng/uL	86
5) Pyridine	3.404	79	260275	16.743	ng/ul	90
6) Benzaldehyde	6.540	77	170410	17.441	ng/ul	90
8) Phenol	6.604	94	320765	16.644	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.822	93	264166	17.637	ng/ul	96
12) 2-Chlorophenol	6.951	128	281371	18.844	ng/ul	93
13) 2-Methylphenol	7.834	108	251302	17.447	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	7.904	45	351427	15.909	ng/ul	96
16) Acetophenone	8.192	105	391277	16.218	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.187	70	188485	15.777	ng/ul	93
18) 4-Methylphenol	8.157	108	266574	16.629	ng/ul	97
19) Hexachloroethane	8.428	117	119168	18.923	ng/ul	89
22) Nitrobenzene	8.563	77	298573	17.928	ng/ul	91
23) Isophorone	9.086	82	541623	17.636	ng/ul	95
25) 2-Nitrophenol	9.263	139	155377	20.291	ng/ul	91
26) 2,4-Dimethylphenol	9.339	107	282400	17.926	ng/ul	93
27) Bis(2-Chloroethoxy)met...	9.575	93	350106	18.528	ng/ul	98
29) 2,4-Dichlorophenol	9.792	162	257382	19.727	ng/ul	98
30) Naphthalene	10.181	128	887153	19.429	ng/ul	100
32) 4-Chloroaniline	10.304	127	333754	17.361	ng/ul	99
33) Hexachlorobutadiene	10.475	225	167996	20.070	ng/ul	97
34) Caprolactam	11.075	113	108070	20.804	ng/ul	82
35) 4-Chloro-3-methylphenol	11.445	107	259590	16.900	ng/ul	91
36) 2-Methylnaphthalene	11.804	142	589166	18.732	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.033	142	597585	18.770	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.186	216	308588	21.034	ng/ul	97
40) Hexachlorocyclopentadiene	12.169	237	157470	17.445	ng/ul	100
41) 2,4,6-Trichlorophenol	12.445	196	205858	21.166	ng/ul	99
42) 2,4,5-Trichlorophenol	12.516	196	217275	20.338	ng/ul	99
43) 1,1'-Biphenyl	12.851	154	747098	19.500	ng/ul	96
44) 2-Chloronaphthalene	12.886	162	588821	19.728	ng/ul	98
45) 2-Nitroaniline	13.110	65	154215	15.990	ng/ul	85
47) Dimethylphthalate	13.504	163	738148	19.070	ng/ul	99
48) 2,6-Dinitrotoluene	13.622	165	150112	19.695	ng/ul	91
50) Acenaphthylene	13.745	152	960114	20.537	ng/ul	98
51) 3-Nitroaniline	13.951	138	146970	17.449	ng/ul	93
52) Acenaphthene	14.092	153	637998	19.115	ng/ul	99
53) 2,4-Dinitrophenol	14.163	184	82629m	18.432	ng/ul	
55) 4-Nitrophenol	14.286	109	120889	18.263	ng/ul	91
56) Dibenzofuran	14.433	168	862403	18.894	ng/ul	97
57) 2,4-Dinitrotoluene	14.421	165	213815	18.608	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.674	232	185699	20.947	ng/ul#	88
59) Diethylphthalate	14.892	149	739330	18.279	ng/ul	98
61) Fluorene	15.092	166	697966	18.693	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.098	204	342881	18.946	ng/ul	97
63) 4-Nitroaniline	15.121	138	142804	16.476	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.186	198	118181	17.912	ng/ul	93
67) N-Nitrosodiphenylamine	15.316	169	603468	20.210	ng/ul	97
68) 4-Bromophenyl-phenylether	15.992	248	224636	22.200	ng/ul	90
69) Hexachlorobenzene	16.098	284	259805	22.121	ng/ul	93
70) Atrazine	16.286	200	191786	17.727	ng/ul	97
71) Pentachlorophenol	16.451	266	156760	20.040	ng/ul	98
72) Phenanthrene	16.833	178	1057335	19.243	ng/ul	99
74) Anthracene	16.921	178	1089258	19.414	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.810	216	306301	22.086	ng/uL	97
76) Pentachlorobenzene	14.357	250	307065	21.745	ng/uL	97
77) Carbazole	17.204	167	979668	18.971	ng/ul	99
78) Di-n-butylphthalate	17.786	149	1249173	19.029	ng/ul	99
80) Fluoranthene	18.862	202	1168120	23.115	ng/ul	97
82) Pyrene	19.227	202	1189079	21.887	ng/ul	97
83) Butylbenzylphthalate	20.168	149	526547	21.612	ng/ul	96
84) 3,3'-Dichlorobenzidine	20.956	252	319732	18.347	ng/ul	95
85) Benzo(a)anthracene	21.009	228	1069053	19.326	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	20.974	149	789720	22.145	ng/ul#	96
87) Chrysene	21.068	228	1020175	19.329	ng/ul	99
89) Di-n-octyl phthalate	22.009	149	1312792	21.397	ng/ul	100
90) Benzo(b)fluoranthene	22.892	252	1082621	19.258	ng/ul	97
91) Benzo(k)fluoranthene	22.945	252	1120721	20.208	ng/ul	97
93) Benzo(a)pyrene	23.603	252	1051135	19.793	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.721	276	1361754	20.695	ng/ul	98
95) Dibenzo(a,h)anthracene	26.780	278	1118509	21.029	ng/ul	97
96) Benzo(g,h,i)perylene	27.650	276	1126005	22.043	ng/ul	98

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

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