

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041024\
 Data File : BN030844.D
 Acq On : 11 Apr 2024 10:44
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020356

Quant Time: Apr 11 11:23:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 09 12:10:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/12/2024
 Supervised By :mohammad ahmed 04/12/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	154646	20.000	ng/u1	0.00
20) Naphthalene-d8	10.457	136	711611	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	503112	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.068	188	1110344	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1157926	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1272589	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	26739	8.107	ng/uL	0.00
4) Pyridine-d5	3.593	84	199103	20.133	ng/u1	0.00
7) Phenol-d5	6.845	99	252329	20.170	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	154890	20.046	ng/u1	0.00
11) 2-Chlorophenol-d4	7.210	132	202938	21.384	ng/u1	0.00
15) 4-Methylphenol-d8	8.381	113	210821	20.107	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	101230	20.507	ng/u1	0.00
24) 2-Nitrophenol-d4	9.545	143	101970	22.580	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	215247	21.772	ng/u1	0.00
31) 4-Chloroaniline-d4	10.598	131	324073	19.911	ng/u1	0.00
46) Dimethylphthalate-d6	13.733	166	697162	20.755	ng/u1	0.00
49) Acenaphthylene-d8	14.010	160	818243	21.186	ng/u1	0.00
54) 4-Nitrophenol-d4	14.527	143	130780	20.354	ng/u1	0.00
60) Fluorene-d10	15.316	176	633332	21.546	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	90799	18.527	ng/u1	0.00
73) Anthracene-d10	17.168	188	1008027	21.071	ng/u1	0.00
81) Pyrene-d10	19.468	212	1255535	20.168	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	1237039	21.096	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.222	88	27713	7.843	ng/uL	96
5) Pyridine	3.610	79	205824	20.626	ng/u1	97
6) Benzaldehyde	6.828	77	144250	24.760	ng/u1	98
8) Phenol	6.875	94	265850	20.399	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.110	93	214596	20.193	ng/u1	99
12) 2-Chlorophenol	7.240	128	215021	21.121	ng/u1	97
13) 2-Methylphenol	8.116	108	200428	19.958	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.198	45	285628	19.087	ng/u1	97
16) Acetophenone	8.498	105	341696	20.641	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.481	70	166629	19.985	ng/u1	95
18) 4-Methylphenol	8.445	108	227361	20.224	ng/u1	100
19) Hexachloroethane	8.745	117	86679	20.308	ng/u1	94
22) Nitrobenzene	8.875	77	246935	20.492	ng/u1	99
23) Isophorone	9.398	82	476813	19.841	ng/u1	99
25) 2-Nitrophenol	9.581	139	118410	22.311	ng/u1	97
26) 2,4-Dimethylphenol	9.639	107	251191	21.294	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.881	93	308595	20.196	ng/u1	98
29) 2,4-Dichlorophenol	10.104	162	219281	21.730	ng/u1	96
30) Naphthalene	10.510	128	766341	20.997	ng/u1	99
32) 4-Chloroaniline	10.622	127	323820	20.644	ng/u1	98
33) Hexachlorobutadiene	10.786	225	127818	20.123	ng/u1	95
34) Caprolactam	11.398	113	71572m	18.985	ng/u1	
35) 4-Chloro-3-methylphenol	11.751	107	243163	21.394	ng/u1	99
36) 2-Methylnaphthalene	12.128	142	531524	20.854	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.345	142	539104	20.836	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.498	216	267264	20.584	ng/ul	100
40) Hexachlorocyclopentadiene	12.475	237	125799	17.061	ng/ul	99
41) 2,4,6-Trichlorophenol	12.739	196	179563	22.131	ng/ul	96
42) 2,4,5-Trichlorophenol	12.810	196	199481	21.771	ng/ul	98
43) 1,1'-Biphenyl	13.151	154	721429	21.038	ng/ul	99
44) 2-Chloronaphthalene	13.186	162	567591	21.026	ng/ul	99
45) 2-Nitroaniline	13.404	65	149608	20.825	ng/ul	97
47) Dimethylphthalate	13.780	163	728534	20.996	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	134122	20.848	ng/ul	94
50) Acenaphthylene	14.039	152	949592	21.280	ng/ul	99
51) 3-Nitroaniline	14.233	138	153062	22.415	ng/ul	98
52) Acenaphthene	14.380	153	629128	21.156	ng/ul	99
53) 2,4-Dinitrophenol	14.439	184	49051	16.600	ng/ul	95
55) 4-Nitrophenol	14.539	109	102652	20.165	ng/ul	96
56) Dibenzofuran	14.722	168	881016	21.313	ng/ul	99
57) 2,4-Dinitrotoluene	14.692	165	210964	22.461	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.945	232	171846	22.582	ng/ul	96
59) Diethylphthalate	15.151	149	732162	20.770	ng/ul	99
61) Fluorene	15.369	166	726722	22.118	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.369	204	346025	21.466	ng/ul	98
63) 4-Nitroaniline	15.398	138	168624	25.401	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.451	198	100589	19.101	ng/ul	99
67) N-Nitrosodiphenylamine	15.586	169	618171	20.443	ng/ul	100
68) 4-Bromophenyl-phenylether	16.263	248	219810	20.848	ng/ul	94
69) Hexachlorobenzene	16.369	284	259517	20.903	ng/ul	99
70) Atrazine	16.539	200	217155	20.719	ng/ul	100
71) Pentachlorophenol	16.716	266	152146	20.785	ng/ul	94
72) Phenanthrene	17.110	178	1213282	21.268	ng/ul	99
74) Anthracene	17.204	178	1256529	21.789	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.110	216	277325	20.330	ng/uL	97
76) Pentachlorobenzene	14.633	250	276113	19.928	ng/uL	95
77) Carbazole	17.474	167	1141028	22.561	ng/ul	98
78) Di-n-butylphthalate	18.045	149	1363913	22.107	ng/ul	100
80) Fluoranthene	19.133	202	1482556	20.033	ng/ul	99
82) Pyrene	19.498	202	1589947	20.343	ng/ul	98
83) Butylbenzylphthalate	20.409	149	647520	21.694	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.221	252	445087	20.919	ng/ul	96
85) Benzo(a)anthracene	21.292	228	1673173	21.651	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.221	149	983834	22.351	ng/ul	99
87) Chrysene	21.351	228	1548743	21.233	ng/ul	98
89) Di-n-octyl phthalate	22.333	149	1636951	20.312	ng/ul	100
90) Benzo(b)fluoranthene	23.309	252	1578097	21.071	ng/ul	97
91) Benzo(k)fluoranthene	23.368	252	1610341	21.172	ng/ul	99
93) Benzo(a)pyrene	24.098	252	1492457	21.095	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.515	276	1574234m	20.584	ng/ul	
95) Dibenzo(a,h)anthracene	27.580	278	1304233	20.258	ng/ul	99
96) Benzo(g,h,i)perylene	28.544	276	1239855	20.651	ng/ul	99

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

