

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032124\
 Data File : BM044711.D
 Acq On : 21 Mar 2024 22:20
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020082

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024
 Supervised By :mohammad ahmed 03/26/2024

Quant Time: Mar 22 00:49:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 15 11:12:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	205729	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.469	136	821768	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.333	164	474508	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.092	188	923964	20.000	ng/u1	0.00
79) Chrysene-d12	21.286	240	872218	20.000	ng/u1	-0.01
88) Perylene-d12	23.533	264	1028722	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	45534	7.507	ng/uL	0.00
4) Pyridine-d5	3.652	84	309402	17.330	ng/u1	0.00
7) Phenol-d5	6.863	99	375474	17.752	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	237721	18.195	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.222	132	297485	19.139	ng/u1	-0.01
15) 4-Methylphenol-d8	8.398	113	285770	17.204	ng/u1	0.00
21) Nitrobenzene-d5	8.851	128	143966	20.805	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	154823	20.754	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.092	165	271658	21.397	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.616	131	401637	19.048	ng/u1	-0.01
46) Dimethylphthalate-d6	13.757	166	724993	19.477	ng/u1	-0.01
49) Acenaphthylene-d8	14.027	160	843098	19.805	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	137576	17.823	ng/u1	0.00
60) Fluorene-d10	15.333	176	617014	19.726	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.463	200	113794	18.973	ng/u1	-0.01
73) Anthracene-d10	17.186	188	926838	20.986	ng/u1	-0.01
81) Pyrene-d10	19.486	212	1043777	19.511	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.392	264	1093246	20.219	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	47037	7.490	ng/uL	97
5) Pyridine	3.669	79	323058	17.447	ng/u1	92
6) Benzaldehyde	6.851	77	211644	22.973	ng/u1	95
8) Phenol	6.893	94	386888	17.923	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.134	93	314880	17.764	ng/u1	97
12) 2-Chlorophenol	7.257	128	304518	18.994	ng/u1	99
13) 2-Methylphenol	8.128	108	284188	17.348	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.210	45	455611	19.464	ng/u1	96
16) Acetophenone	8.516	105	452245	17.554	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.498	70	230679	17.331	ng/u1	93
18) 4-Methylphenol	8.457	108	307714	17.256	ng/u1	99
19) Hexachloroethane	8.745	117	129144	19.665	ng/u1	96
22) Nitrobenzene	8.892	77	349038	21.269	ng/u1	97
23) Isophorone	9.416	82	642444	19.189	ng/u1	99
25) 2-Nitrophenol	9.592	139	167193	20.558	ng/u1	97
26) 2,4-Dimethylphenol	9.657	107	301880	20.400	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.898	93	407737	19.364	ng/u1	99
29) 2,4-Dichlorophenol	10.122	162	268233	21.162	ng/u1	99
30) Naphthalene	10.516	128	962555	20.681	ng/u1	99
32) 4-Chloroaniline	10.639	127	390438	19.207	ng/u1	100
33) Hexachlorobutadiene	10.786	225	161063	22.672	ng/u1	98
34) Caprolactam	11.428	113	79655m	16.137	ng/u1	
35) 4-Chloro-3-methylphenol	11.769	107	281467	19.149	ng/u1	98
36) 2-Methylnaphthalene	12.139	142	613941	19.836	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.357	142	603308	19.760	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.504	216	294446	21.812	ng/ul	98
40) Hexachlorocyclopentadiene	12.475	237	183819	20.513	ng/ul	98
41) 2,4,6-Trichlorophenol	12.757	196	194344	20.536	ng/ul	98
42) 2,4,5-Trichlorophenol	12.828	196	207346	20.444	ng/ul	100
43) 1,1'-Biphenyl	13.163	154	771477	20.475	ng/ul	99
44) 2-Chloronaphthalene	13.204	162	607251	20.537	ng/ul	99
45) 2-Nitroaniline	13.422	65	184931	19.922	ng/ul	99
47) Dimethylphthalate	13.804	163	724949	19.140	ng/ul	99
48) 2,6-Dinitrotoluene	13.927	165	146257	19.332	ng/ul	97
50) Acenaphthylene	14.057	152	1010086	20.358	ng/ul	99
51) 3-Nitroaniline	14.257	138	158750	19.426	ng/ul	96
52) Acenaphthene	14.398	153	660891	20.262	ng/ul	100
53) 2,4-Dinitrophenol	14.469	184	71575	14.790	ng/ul	96
55) 4-Nitrophenol	14.569	109	105233	19.457	ng/ul	91
56) Dibenzofuran	14.739	168	879362	20.268	ng/ul	99
57) 2,4-Dinitrotoluene	14.716	165	210882	19.310	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.963	232	168193	20.040	ng/ul	98
59) Diethylphthalate	15.174	149	745785	18.973	ng/ul	99
61) Fluorene	15.386	166	713303	20.102	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.392	204	338508	20.554	ng/ul	98
63) 4-Nitroaniline	15.427	138	164859m	21.108	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.480	198	122020	19.038	ng/ul	98
67) N-Nitrosodiphenylamine	15.610	169	586737	21.084	ng/ul	99
68) 4-Bromophenyl-phenylether	16.286	248	201651	21.820	ng/ul	97
69) Hexachlorobenzene	16.386	284	231724	22.014	ng/ul	96
70) Atrazine	16.568	200	195907	21.543	ng/ul	98
71) Pentachlorophenol	16.733	266	142112	20.445	ng/ul	97
72) Phenanthrene	17.133	178	1090903	20.813	ng/ul	100
74) Anthracene	17.221	178	1121553	21.158	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.122	216	282339	22.878	ng/uL	98
76) Pentachlorobenzene	14.651	250	271886	22.788	ng/uL	99
77) Carbazole	17.504	167	1046654	21.012	ng/ul	100
78) Di-n-butylphthalate	18.074	149	1318653	19.681	ng/ul	99
80) Fluoranthene	19.157	202	1226811	19.257	ng/ul	97
82) Pyrene	19.521	202	1298760	19.581	ng/ul	97
83) Butylbenzylphthalate	20.439	149	575396	17.643	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.215	252	392125	20.783	ng/ul	99
85) Benzo(a)anthracene	21.274	228	1299075	19.833	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	901750	18.964	ng/ul	99
87) Chrysene	21.327	228	1209740	19.949	ng/ul	99
89) Di-n-octyl phthalate	22.109	149	1598108	17.359	ng/ul	100
90) Benzo(b)fluoranthene	22.856	252	1354216	19.673	ng/ul	99
91) Benzo(k)fluoranthene	22.903	252	1315750	19.516	ng/ul	98
93) Benzo(a)pyrene	23.433	252	1282162	19.912	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.791	276	1606539	22.244	ng/ul	98
95) Dibenzo(a,h)anthracene	25.809	278	1348198	22.388	ng/ul	98
96) Benzo(g,h,i)perylene	26.480	276	1297086	22.505	ng/ul	99

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

