

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032124\
 Data File : BM044693.D
 Acq On : 21 Mar 2024 10:13
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020080

Quant Time: Mar 21 11:00:46 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2024
 Supervised By :mohammad ahmed 03/26/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	202178	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	837225	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.333	164	477732	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.092	188	889088	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	718456	20.000	ng/u1	0.00
88) Perylene-d12	23.533	264	800314	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	44596	7.481	ng/uL	0.00
4) Pyridine-d5	3.652	84	311632	17.762	ng/u1	0.00
7) Phenol-d5	6.863	99	374321	18.008	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	248686	19.369	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.222	132	295339	19.335	ng/u1	-0.01
15) 4-Methylphenol-d8	8.392	113	284406	17.422	ng/u1	-0.01
21) Nitrobenzene-d5	8.851	128	143590	20.367	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	151943	19.992	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.092	165	267801	20.704	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.616	131	398167	18.535	ng/u1	-0.01
46) Dimethylphthalate-d6	13.757	166	715611	19.096	ng/u1	-0.01
49) Acenaphthylene-d8	14.027	160	841947	19.645	ng/u1	0.00
54) 4-Nitrophenol-d4	14.545	143	121430	15.625	ng/u1	-0.01
60) Fluorene-d10	15.333	176	606576	19.261	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.463	200	104773	18.154	ng/u1	-0.01
73) Anthracene-d10	17.192	188	877696	20.653	ng/u1	0.00
81) Pyrene-d10	19.492	212	906296	20.567	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.391	264	843952	20.063	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	47771	7.741	ng/uL	99
5) Pyridine	3.669	79	327438	17.994	ng/u1	95
6) Benzaldehyde	6.851	77	216377	23.899	ng/u1	94
8) Phenol	6.887	94	386124	18.201	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.134	93	323860	18.592	ng/u1	97
12) 2-Chlorophenol	7.257	128	304842	19.348	ng/u1	98
13) 2-Methylphenol	8.128	108	284598	17.679	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.216	45	473815	20.597	ng/u1	96
16) Acetophenone	8.516	105	462033	18.249	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.498	70	243944	18.649	ng/u1	92
18) 4-Methylphenol	8.457	108	305432	17.429	ng/u1	96
19) Hexachloroethane	8.751	117	130819	20.270	ng/u1	99
22) Nitrobenzene	8.892	77	357445	21.380	ng/u1	97
23) Isophorone	9.416	82	656984	19.261	ng/u1	99
25) 2-Nitrophenol	9.592	139	164639	19.870	ng/u1	94
26) 2,4-Dimethylphenol	9.651	107	300788	19.951	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.898	93	421477	19.647	ng/u1	98
29) 2,4-Dichlorophenol	10.122	162	267154	20.688	ng/u1	98
30) Naphthalene	10.522	128	967810	20.410	ng/u1	100
32) 4-Chloroaniline	10.639	127	388423	18.755	ng/u1	99
33) Hexachlorobutadiene	10.792	225	163086	22.533	ng/u1	96
34) Caprolactam	11.422	113	73114m	14.539	ng/u1	
35) 4-Chloro-3-methylphenol	11.763	107	276546	18.467	ng/u1	98
36) 2-Methylnaphthalene	12.139	142	621576	19.712	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.357	142	610760	19.635	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.504	216	295407	21.735	ng/ul	98
40) Hexachlorocyclopentadiene	12.474	237	190277	21.090	ng/ul	99
41) 2,4,6-Trichlorophenol	12.757	196	191089	20.056	ng/ul	99
42) 2,4,5-Trichlorophenol	12.827	196	204442	20.022	ng/ul	99
43) 1,1'-Biphenyl	13.163	154	780068	20.563	ng/ul	99
44) 2-Chloronaphthalene	13.204	162	609601	20.477	ng/ul	99
45) 2-Nitroaniline	13.421	65	176931	18.932	ng/ul	98
47) Dimethylphthalate	13.804	163	722585	18.949	ng/ul	99
48) 2,6-Dinitrotoluene	13.927	165	139726	18.344	ng/ul	96
50) Acenaphthylene	14.057	152	1013964	20.299	ng/ul	99
51) 3-Nitroaniline	14.257	138	144630	17.579	ng/ul	98
52) Acenaphthene	14.398	153	662426	20.172	ng/ul	99
53) 2,4-Dinitrophenol	14.468	184	66620	13.673	ng/ul	98
55) 4-Nitrophenol	14.563	109	92658	17.017	ng/ul	91
56) Dibenzofuran	14.739	168	881318	20.176	ng/ul	99
57) 2,4-Dinitrotoluene	14.721	165	198699	18.072	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.963	232	162005	19.172	ng/ul	99
59) Diethylphthalate	15.180	149	732668	18.513	ng/ul	99
61) Fluorene	15.392	166	722124	20.213	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.392	204	349358	21.070	ng/ul	99
63) 4-Nitroaniline	15.427	138	138079m	17.560	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.480	198	114629	18.587	ng/ul	99
67) N-Nitrosodiphenylamine	15.610	169	567955	21.210	ng/ul	98
68) 4-Bromophenyl-phenylether	16.286	248	196685	22.117	ng/ul	96
69) Hexachlorobenzene	16.386	284	225128	22.226	ng/ul	98
70) Atrazine	16.568	200	179218	20.481	ng/ul	98
71) Pentachlorophenol	16.739	266	129002	19.287	ng/ul	98
72) Phenanthrene	17.133	178	1047609	20.771	ng/ul	99
74) Anthracene	17.227	178	1057040	20.723	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.121	216	283034	23.834	ng/uL	98
76) Pentachlorobenzene	14.651	250	274882	23.943	ng/uL	98
77) Carbazole	17.504	167	931885	19.442	ng/ul	99
78) Di-n-butylphthalate	18.074	149	1193694	18.515	ng/ul	99
80) Fluoranthene	19.156	202	1100104	20.963	ng/ul	97
82) Pyrene	19.521	202	1157169	21.180	ng/ul	98
83) Butylbenzylphthalate	20.439	149	473315	17.619	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.215	252	311260	20.028	ng/ul	99
85) Benzo(a)anthracene	21.274	228	1088988	20.184	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	731010	18.663	ng/ul	98
87) Chrysene	21.327	228	984895	19.717	ng/ul	100
89) Di-n-octyl phthalate	22.109	149	1185314	16.549	ng/ul	100
90) Benzo(b)fluoranthene	22.862	252	1032169	19.274	ng/ul	100
91) Benzo(k)fluoranthene	22.903	252	1051202	20.042	ng/ul	99
93) Benzo(a)pyrene	23.438	252	1003622	20.034	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.803	276	1257438	22.380	ng/ul	98
95) Dibenzo(a,h)anthracene	25.809	278	1063799	22.707	ng/ul	98
96) Benzo(g,h,i)perylene	26.485	276	1011786	22.566	ng/ul	99

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

