

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
 Data File : BM044390.D
 Acq On : 28 Feb 2024 06:30
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020053

Quant Time: Feb 28 07:00:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 27 23:05:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
 Supervised By :mohammad ahmed 02/29/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	272083	20.000	ng/u1	0.00
20) Naphthalene-d8	10.751	136	1196361	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.586	164	692233	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.333	188	1421407	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1166144	20.000	ng/u1	0.00
88) Perylene-d12	23.950	264	1269946	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	61975	7.187	ng/uL	0.00
4) Pyridine-d5	3.781	84	434418	18.446	ng/u1	0.00
7) Phenol-d5	7.110	99	492042	18.878	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	314416	18.628	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	391717	19.954	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	379552	19.245	ng/u1	0.00
21) Nitrobenzene-d5	9.116	128	190481	19.582	ng/u1	0.00
24) 2-Nitrophenol-d4	9.840	143	207294	20.888	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	358054	20.453	ng/u1	0.00
31) 4-Chloroaniline-d4	10.898	131	555786	18.903	ng/u1	0.00
46) Dimethylphthalate-d6	14.010	166	1028542	19.265	ng/u1	0.00
49) Acenaphthylene-d8	14.280	160	1222481	19.902	ng/u1	0.00
54) 4-Nitrophenol-d4	14.792	143	193587	18.222	ng/u1	0.00
60) Fluorene-d10	15.580	176	886933	19.628	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	151254	17.150	ng/u1	0.00
73) Anthracene-d10	17.433	188	1338896	19.755	ng/u1	0.00
81) Pyrene-d10	19.733	212	1453595	20.719	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.797	264	1273790	19.575	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	64196	7.063	ng/uL	98
5) Pyridine	3.805	79	459280	18.641	ng/u1	95
6) Benzaldehyde	7.093	77	274194	24.235	ng/u1	98
8) Phenol	7.134	94	520260	19.203	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.381	93	424248	18.708	ng/u1	98
12) 2-Chlorophenol	7.504	128	405306	19.957	ng/u1	96
13) 2-Methylphenol	8.393	108	383490	19.212	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.475	45	567808	18.313	ng/u1	98
16) Acetophenone	8.781	105	616285	19.559	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.769	70	316718	20.066	ng/u1	99
18) 4-Methylphenol	8.722	108	414576	19.498	ng/u1	99
19) Hexachloroethane	9.016	117	168500	19.557	ng/u1	96
22) Nitrobenzene	9.157	77	458236	19.479	ng/u1	100
23) Isophorone	9.687	82	887976	19.476	ng/u1	99
25) 2-Nitrophenol	9.869	139	223820	20.335	ng/u1	97
26) 2,4-Dimethylphenol	9.928	107	402580	19.155	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.181	93	565226	19.070	ng/u1	99
29) 2,4-Dichlorophenol	10.398	162	361264	20.390	ng/u1	99
30) Naphthalene	10.798	128	1311251	19.272	ng/u1	100
32) 4-Chloroaniline	10.922	127	539212	18.820	ng/u1	99
33) Hexachlorobutadiene	11.075	225	209906	19.665	ng/u1	98
34) Caprolactam	11.704	113	111780m	18.251	ng/u1	
35) 4-Chloro-3-methylphenol	12.045	107	388674	20.591	ng/u1	96
36) 2-Methylnaphthalene	12.410	142	858113	19.800	ng/u1	100

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.633	142	846827	19.766	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.775	216	404315	19.730	ng/ul	98
40) Hexachlorocyclopentadiene	12.745	237	229005	16.610	ng/ul	99
41) 2,4,6-Trichlorophenol	13.022	196	269001	20.594	ng/ul	99
42) 2,4,5-Trichlorophenol	13.092	196	291794	20.665	ng/ul	98
43) 1,1'-Biphenyl	13.428	154	1080124	19.166	ng/ul	98
44) 2-Chloronaphthalene	13.463	162	866830	19.644	ng/ul	99
45) 2-Nitroaniline	13.680	65	248147	20.311	ng/ul	97
47) Dimethylphthalate	14.057	163	1048085	19.208	ng/ul	100
48) 2,6-Dinitrotoluene	14.180	165	207961	20.380	ng/ul	98
50) Acenaphthylene	14.310	152	1433639	19.705	ng/ul	100
51) 3-Nitroaniline	14.504	138	220032	20.439	ng/ul	97
52) Acenaphthene	14.651	153	927834	19.317	ng/ul	100
53) 2,4-Dinitrophenol	14.710	184	105529	16.666	ng/ul	97
55) 4-Nitrophenol	14.804	109	135454	18.560	ng/ul	96
56) Dibenzofuran	14.986	168	1252329	19.422	ng/ul	100
57) 2,4-Dinitrotoluene	14.963	165	298692	20.375	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.210	232	236598	20.820	ng/ul	98
59) Diethylphthalate	15.422	149	1096562	19.523	ng/ul	99
61) Fluorene	15.633	166	1014980	19.599	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.633	204	485507	19.893	ng/ul	98
63) 4-Nitroaniline	15.669	138	226462	21.750	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.721	198	167099	17.320	ng/ul	99
67) N-Nitrosodiphenylamine	15.851	169	848034	19.687	ng/ul	99
68) 4-Bromophenyl-phenylether	16.533	248	279567	19.796	ng/ul	95
69) Hexachlorobenzene	16.627	284	320922	19.854	ng/ul	99
70) Atrazine	16.810	200	279318	19.795	ng/ul	97
71) Pentachlorophenol	16.980	266	199446	18.723	ng/ul	98
72) Phenanthrene	17.380	178	1574647	19.311	ng/ul	99
74) Anthracene	17.468	178	1597602	19.460	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.380	216	391628	19.683	ng/uL	98
76) Pentachlorobenzene	14.898	250	380810	20.048	ng/uL	99
77) Carbazole	17.745	167	1457583	18.881	ng/ul	100
78) Di-n-butylphthalate	18.321	149	1972804	20.184	ng/ul	100
80) Fluoranthene	19.398	202	1730483	20.566	ng/ul	98
82) Pyrene	19.757	202	1801369	20.414	ng/ul	100
83) Butylbenzylphthalate	20.680	149	841102	21.222	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.456	252	519975	19.935	ng/ul	98
85) Benzo(a)anthracene	21.515	228	1735319	19.953	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.462	149	1322173	21.789	ng/ul	99
87) Chrysene	21.568	228	1592851	19.484	ng/ul	99
89) Di-n-octyl phthalate	22.409	149	2212384	20.333	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	1629016	20.009	ng/ul	99
91) Benzo(k)fluoranthene	23.262	252	1636826	19.575	ng/ul	100
93) Benzo(a)pyrene	23.845	252	1544885	19.682	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.480	276	1821981	19.194	ng/ul	98
95) Dibenzo(a,h)anthracene	26.503	278	1533762	19.335	ng/ul	98
96) Benzo(g,h,i)perylene	27.256	276	1459705	19.011	ng/ul	98

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

