

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092824\
 Data File : BM047709.D
 Acq On : 29 Sep 2024 03:16
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020149

Quant Time: Sep 29 04:33:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 28 02:30:36 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/30/2024
 Supervised By :mohammad ahmed 10/01/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	182249	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	780010	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	477089	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	934179	20.000	ng/u1	0.00
79) Chrysene-d12	21.409	240	878872	20.000	ng/u1	0.00
88) Perylene-d12	24.415	264	961368	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	44722	7.930	ng/uL	0.00
4) Pyridine-d5	3.675	84	337299	20.427	ng/u1	0.00
7) Phenol-d5	6.975	99	342159	19.854	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.145	67	246361	20.146	ng/u1	0.00
11) 2-Chlorophenol-d4	7.345	132	264012	21.056	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	263542	20.568	ng/u1	0.00
21) Nitrobenzene-d5	8.969	128	127735	20.568	ng/u1	0.00
24) 2-Nitrophenol-d4	9.687	143	121298	20.381	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	247888	20.850	ng/u1	0.00
31) 4-Chloroaniline-d4	10.739	131	368183	20.031	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	692780	20.029	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	828320	20.197	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	136189	19.776	ng/u1	0.00
60) Fluorene-d10	15.439	176	598948	19.991	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	96149	17.588	ng/u1	0.00
73) Anthracene-d10	17.280	188	915679	19.934	ng/u1	0.00
81) Pyrene-d10	19.568	212	996224	19.972	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.209	264	985877	19.765	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	48583	7.887	ng/uL	98
5) Pyridine	3.693	79	352480	20.276	ng/u1	97
6) Benzaldehyde	6.951	77	231172	24.666	ng/u1	99
8) Phenol	7.004	94	367274	20.029	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.234	93	297697	20.375	ng/u1	99
12) 2-Chlorophenol	7.381	128	282211	21.246	ng/u1	100
13) 2-Methylphenol	8.251	108	258897	20.248	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.334	45	547818	19.917	ng/u1	99
16) Acetophenone	8.634	105	447059	20.391	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.622	70	250277	21.553	ng/u1	99
18) 4-Methylphenol	8.581	108	292176	20.334	ng/u1	99
19) Hexachloroethane	8.898	117	122836	20.574	ng/u1	98
22) Nitrobenzene	9.010	77	353236	20.022	ng/u1	99
23) Isophorone	9.539	82	657899	20.847	ng/u1	98
25) 2-Nitrophenol	9.722	139	140967	20.704	ng/u1	98
26) 2,4-Dimethylphenol	9.781	107	303442	20.799	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.016	93	392414	20.330	ng/u1	98
29) 2,4-Dichlorophenol	10.257	162	254329	20.717	ng/u1	99
30) Naphthalene	10.657	128	891557	19.871	ng/u1	100
32) 4-Chloroaniline	10.763	127	367862	20.326	ng/u1	100
33) Hexachlorobutadiene	10.951	225	158471	19.537	ng/u1	97
34) Caprolactam	11.533	113	82260m	20.952	ng/u1	
35) 4-Chloro-3-methylphenol	11.886	107	271924	21.398	ng/u1	99
36) 2-Methylnaphthalene	12.269	142	582153	20.421	ng/u1	96

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.486	142	588073	20.276	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.639	216	300225	19.331	ng/ul	98
40) Hexachlorocyclopentadiene	12.627	237	171433	18.250	ng/ul	98
41) 2,4,6-Trichlorophenol	12.880	196	184949	20.582	ng/ul	100
42) 2,4,5-Trichlorophenol	12.945	196	201608	20.517	ng/ul	97
43) 1,1'-Biphenyl	13.280	154	749509	19.622	ng/ul	99
44) 2-Chloronaphthalene	13.322	162	582875	19.730	ng/ul	98
45) 2-Nitroaniline	13.522	65	193075	20.587	ng/ul	94
47) Dimethylphthalate	13.904	163	701684	20.031	ng/ul	100
48) 2,6-Dinitrotoluene	14.016	165	127824	20.778	ng/ul	98
50) Acenaphthylene	14.169	152	927688	20.058	ng/ul	99
51) 3-Nitroaniline	14.339	138	147770	19.846	ng/ul	97
52) Acenaphthene	14.510	153	648027	19.821	ng/ul	97
53) 2,4-Dinitrophenol	14.545	184	60451	15.902	ng/ul	93
55) 4-Nitrophenol	14.651	109	115212	19.925	ng/ul	97
56) Dibenzofuran	14.845	168	879685	19.989	ng/ul	100
57) 2,4-Dinitrotoluene	14.798	165	195453	21.153	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.069	232	162518	20.982	ng/ul	99
59) Diethylphthalate	15.268	149	716487	20.442	ng/ul	99
61) Fluorene	15.492	166	731511	19.923	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	343642	19.807	ng/ul	98
63) 4-Nitroaniline	15.498	138	160026	22.130	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.563	198	109545	18.084	ng/ul	96
67) N-Nitrosodiphenylamine	15.698	169	587043	20.166	ng/ul	99
68) 4-Bromophenyl-phenylether	16.380	248	191023	19.837	ng/ul	96
69) Hexachlorobenzene	16.498	284	219927	19.626	ng/ul	98
70) Atrazine	16.645	200	191578	19.770	ng/ul	97
71) Pentachlorophenol	16.833	266	136979	19.223	ng/ul	99
72) Phenanthrene	17.227	178	1086360	19.830	ng/ul	99
74) Anthracene	17.315	178	1115174	19.958	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.245	216	295170	19.083	ng/uL	99
76) Pentachlorobenzene	14.769	250	282825	18.733	ng/uL	97
77) Carbazole	17.580	167	1008828	19.919	ng/ul	100
78) Di-n-butylphthalate	18.151	149	1143628	20.282	ng/ul	99
80) Fluoranthene	19.233	202	1172246	19.954	ng/ul	98
82) Pyrene	19.598	202	1311998	20.066	ng/ul	98
83) Butylbenzylphthalate	20.492	149	475131	20.554	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.309	252	353396	19.030	ng/ul	99
85) Benzo(a)anthracene	21.392	228	1229687	19.983	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.315	149	711466	20.500	ng/ul	100
87) Chrysene	21.450	228	1201932	20.035	ng/ul	99
89) Di-n-octyl phthalate	22.450	149	1142019	18.417	ng/ul	100
90) Benzo(b)fluoranthene	23.462	252	1158728	19.327	ng/ul	99
91) Benzo(k)fluoranthene	23.527	252	1221515	19.926	ng/ul	100
93) Benzo(a)pyrene	24.274	252	1115153	19.585	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.803	276	1411764	19.348	ng/ul	98
95) Dibenzo(a,h)anthracene	27.862	278	1151194	19.251	ng/ul	98
96) Benzo(g,h,i)perylene	28.862	276	1091968	19.100	ng/ul	98

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

