

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042708.D
 Acq On : 13 Nov 2023 15:02
 Operator : MA/JU
 Sample : SST08067
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD080031

Manual Integrations

APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Nov 13 16:48:13 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Nov 13 16:28:11 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	31189	20.000	ng/u1	0.00
20) Naphthalene-d8	10.657	136	134018	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.498	164	92075	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.251	188	204285	20.000	ng/u1	0.00
79) Chrysene-d12	21.439	240	217152	20.000	ng/u1	0.00
88) Perylene-d12	23.809	264	233310	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	29477	29.655	ng/uL	0.00
4) Pyridine-d5	3.622	84	216189	87.439	ng/u1	0.00
7) Phenol-d5	7.010	99	257249	84.748	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	174397	81.763	ng/u1	0.00
11) 2-Chlorophenol-d4	7.363	132	197901	84.493	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	205556	86.005	ng/u1	0.00
21) Nitrobenzene-d5	9.045	128	101222	86.147	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	119104	86.649	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	221149	86.527	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	273264	84.209	ng/u1	0.00
46) Dimethylphthalate-d6	13.921	166	708945	81.355	ng/u1	0.00
49) Acenaphthylene-d8	14.198	160	781900	83.860	ng/u1	0.00
54) 4-Nitrophenol-d4	14.751	143	94141	95.620	ng/u1	0.00
60) Fluorene-d10	15.492	176	602275	83.462	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	139181	89.945	ng/u1	0.00
73) Anthracene-d10	17.351	188	964236	84.222	ng/u1	0.00
81) Pyrene-d10	19.651	212	1197481	84.211	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.656	264	1131304	81.064	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.216	88	32258	30.474	ng/uL	96
5) Pyridine	3.640	79	223481	83.123	ng/u1	95
6) Benzaldehyde	7.004	77	133555	76.686	ng/u1	97
8) Phenol	7.040	94	256229	84.862	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.281	93	203502	81.594	ng/u1	95
12) 2-Chlorophenol	7.398	128	194688	83.523	ng/u1	96
13) 2-Methylphenol	8.292	108	192963	85.702	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.351	45	367262m	80.721	ng/u1	
16) Acetophenone	8.698	105	337006	83.857	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.675	70	202622	82.823	ng/u1	96
18) 4-Methylphenol	8.639	108	207607	84.809	ng/u1	99
19) Hexachloroethane	8.892	117	101354	78.014	ng/u1	92
22) Nitrobenzene	9.086	77	291266	82.016	ng/u1	98
23) Isophorone	9.598	82	564565	79.819	ng/u1	98
25) 2-Nitrophenol	9.786	139	119921	85.871	ng/u1	97
26) 2,4-Dimethylphenol	9.834	107	247809	82.935	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.086	93	292995	81.976	ng/u1	97
29) 2,4-Dichlorophenol	10.310	162	210564	87.017	ng/u1	100
30) Naphthalene	10.710	128	666938	79.435	ng/u1	100
32) 4-Chloroaniline	10.851	127	260455	83.660	ng/u1	97
33) Hexachlorobutadiene	10.928	225	170637	79.830	ng/u1	96
34) Caprolactam	11.698	113	60096m	83.766	ng/u1	
35) 4-Chloro-3-methylphenol	11.969	107	224012	86.394	ng/u1	94
36) 2-Methylnaphthalene	12.316	142	474056	84.244	ng/u1	96

11/14/2023

Supervised By :mohammad
 Ahmed

11/19/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.539	142	481645	81.408	ng/u1	99	11/14/2023
39) 1,2,4,5-Tetrachloroben...	12.669	216	300689	83.269	ng/u1	98	Supervised By :mohammad
40) Hexachlorocyclopentadiene	12.610	237	162389	94.987	ng/u1	95	ahmed
41) 2,4,6-Trichlorophenol	12.933	196	192843	87.429	ng/u1	95	
42) 2,4,5-Trichlorophenol	13.004	196	195343	91.717	ng/u1	99	
43) 1,1'-Biphenyl	13.333	154	654304	85.210	ng/u1	99	
44) 2-Chloronaphthalene	13.380	162	519872	84.158	ng/u1	97	11/19/2023
45) 2-Nitroaniline	13.627	65	190051	94.337	ng/u1	98	
47) Dimethylphthalate	13.969	163	688317	81.096	ng/u1	100	
48) 2,6-Dinitrotoluene	14.121	165	138024	86.558	ng/u1	97	
50) Acenaphthylene	14.227	152	870265	83.299	ng/u1	100	
51) 3-Nitroaniline	14.463	138	113216	86.827	ng/u1	95	
52) Acenaphthene	14.563	153	584316	82.697	ng/u1	98	
53) 2,4-Dinitrophenol	14.668	184	78030	98.415	ng/u1	96	
55) 4-Nitrophenol	14.763	109	138550	113.348	ng/u1	97	
56) Dibenzofuran	14.904	168	836150	85.261	ng/u1	99	
57) 2,4-Dinitrotoluene	14.904	165	218685	93.415	ng/u1	92	
58) 2,3,4,6-Tetrachlorophenol	15.121	232	184827	83.600	ng/u1	97	
59) Diethylphthalate	15.321	149	727749	81.767	ng/u1	99	
61) Fluorene	15.551	166	720235	86.502	ng/u1	99	
62) 4-Chlorophenyl-phenyle...	15.539	204	393912	87.785	ng/u1	98	
63) 4-Nitroaniline	15.633	138	101980	88.702	ng/u1	90	
66) 4,6-Dinitro-2-methylph...	15.657	198	136983	86.953	ng/u1	97	
67) N-Nitrosodiphenylamine	15.768	169	541616	84.533	ng/u1	97	
68) 4-Bromophenyl-phenylether	16.433	248	229992	84.581	ng/u1	94	
69) Hexachlorobenzene	16.515	284	274849	82.682	ng/u1	99	
70) Atrazine	16.721	200	199537	80.851	ng/u1	97	
71) Pentachlorophenol	16.886	266	164797	86.092	ng/u1	98	
72) Phenanthrene	17.298	178	1067278	83.628	ng/u1	99	
74) Anthracene	17.386	178	1102619	85.895	ng/u1	99	
75) 1,2,3,4-Tetrachloroben...	13.286	216	299156	82.817	ng/uL	99	
76) Pentachlorobenzene	14.792	250	318950	84.151	ng/uL	99	
77) Carbazole	17.680	167	885083	83.501	ng/u1	100	
78) Di-n-butylphthalate	18.192	149	1309947	84.513	ng/u1	99	
80) Fluoranthene	19.309	202	1363692	84.108	ng/u1	99	
82) Pyrene	19.680	202	1432188	83.308	ng/u1	99	
83) Butylbenzylphthalate	20.556	149	610487	83.140	ng/u1	100	
84) 3,3'-Dichlorobenzidine	21.368	252	443150	79.736	ng/u1	99	
85) Benzo(a)anthracene	21.421	228	1423368	83.500	ng/u1	99	
86) Bis(2-ethylhexyl)phtha...	21.303	149	937198	84.124	ng/u1	98	
87) Chrysene	21.474	228	1328526	80.361	ng/u1	100	
89) Di-n-octyl phthalate	22.215	149	1572781	83.453	ng/u1	100	
90) Benzo(b)fluoranthene	23.080	252	1328274	83.423	ng/u1	98	
91) Benzo(k)fluoranthene	23.127	252	1420565	83.813	ng/u1	99	
93) Benzo(a)pyrene	23.709	252	1275180	82.190	ng/u1	99	
94) Indeno(1,2,3-cd)pyrene	26.303	276	1609730	83.483	ng/u1	98	
95) Dibenzo(a,h)anthracene	26.309	278	1358348	84.971	ng/u1	99	
96) Benzo(g,h,i)perylene	27.074	276	1198360	78.265	ng/u1	99	

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

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