

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042707.D
 Acq On : 13 Nov 2023 14:26
 Operator : MA/JU
 Sample : SST04066
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST040030

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Nov 13 16:46:13 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	29872	20.000	ng/u1	0.00
20) Naphthalene-d8	10.657	136	119944	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.498	164	84037	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.251	188	188157	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	195641	20.000	ng/u1	0.00
88) Perylene-d12	23.803	264	214464	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	15149	15.912	ng/uL	0.00
4) Pyridine-d5	3.622	84	101880	43.023	ng/u1	0.00
7) Phenol-d5	7.004	99	121285	41.717	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	86341	42.264	ng/u1	0.00
11) 2-Chlorophenol-d4	7.363	132	92125	41.067	ng/u1	0.00
15) 4-Methylphenol-d8	8.563	113	95324	41.642	ng/u1	0.00
21) Nitrobenzene-d5	9.040	128	45903	43.650	ng/u1	0.00
24) 2-Nitrophenol-d4	9.751	143	53876	43.794	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	101436	44.345	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	122853	42.300	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	324545	40.805	ng/u1	0.00
49) Acenaphthylene-d8	14.198	160	351696	41.328	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	36880	41.042	ng/u1	0.00
60) Fluorene-d10	15.492	176	270462	41.065	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	59072	41.447	ng/u1	0.00
73) Anthracene-d10	17.351	188	432141	40.981	ng/u1	0.00
81) Pyrene-d10	19.645	212	538923	42.066	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.650	264	533655	41.600	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.216	88	16490	16.265	ng/uL	97
5) Pyridine	3.640	79	109609	42.566	ng/u1	97
6) Benzaldehyde	7.004	77	75073	45.007	ng/u1	99
8) Phenol	7.034	94	120476	41.660	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.281	93	96514	40.403	ng/u1	96
12) 2-Chlorophenol	7.393	128	92747	41.544	ng/u1	95
13) 2-Methylphenol	8.293	108	89231	41.378	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.351	45	180538m	41.430	ng/u1	
16) Acetophenone	8.693	105	156173	40.574	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.663	70	95580	40.791	ng/u1	98
18) 4-Methylphenol	8.628	108	97029	41.385	ng/u1	99
19) Hexachloroethane	8.892	117	49123	39.478	ng/u1	95
22) Nitrobenzene	9.087	77	137711	43.328	ng/u1	96
23) Isophorone	9.592	82	264019	41.707	ng/u1	99
25) 2-Nitrophenol	9.787	139	55104	44.088	ng/u1	97
26) 2,4-Dimethylphenol	9.828	107	115438	43.167	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.081	93	134775	42.133	ng/u1	99
29) 2,4-Dichlorophenol	10.304	162	98001	45.252	ng/u1	100
30) Naphthalene	10.704	128	309425	41.178	ng/u1	100
32) 4-Chloroaniline	10.851	127	121467	43.594	ng/u1	97
33) Hexachlorobutadiene	10.928	225	80132	41.887	ng/u1	97
34) Caprolactam	11.675	113	27572m	42.941	ng/u1	
35) 4-Chloro-3-methylphenol	11.963	107	101007	43.526	ng/u1	94
36) 2-Methylnaphthalene	12.316	142	213306	42.354	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.539	142	216889	40.960	ng/u1	95	11/14/2023
39) 1,2,4,5-Tetrachloroben...	12.669	216	136842	41.520	ng/u1	99	Supervised By :mohammad ahmed
40) Hexachlorocyclopentadiene	12.610	237	64081	41.069	ng/u1	96	
41) 2,4,6-Trichlorophenol	12.928	196	85015	42.230	ng/u1	94	
42) 2,4,5-Trichlorophenol	13.004	196	84895	43.672	ng/u1	98	
43) 1,1'-Biphenyl	13.333	154	291464	41.588	ng/u1	99	
44) 2-Chloronaphthalene	13.380	162	234431	41.580	ng/u1	97	11/19/2023
45) 2-Nitroaniline	13.627	65	82511	44.874	ng/u1	96	
47) Dimethylphthalate	13.969	163	319548	41.249	ng/u1	99	
48) 2,6-Dinitrotoluene	14.116	165	61872	42.513	ng/u1	99	
50) Acenaphthylene	14.227	152	390203	40.921	ng/u1	99	
51) 3-Nitroaniline	14.457	138	52170	43.837	ng/u1	98	
52) Acenaphthene	14.563	153	260814	40.443	ng/u1	99	
53) 2,4-Dinitrophenol	14.669	184	30424	42.042	ng/u1	96	
55) 4-Nitrophenol	14.757	109	58805	52.710	ng/u1	97	
56) Dibenzofuran	14.898	168	371638	41.520	ng/u1	97	
57) 2,4-Dinitrotoluene	14.904	165	94384	44.174	ng/u1	83	
58) 2,3,4,6-Tetrachlorophenol	15.121	232	84422	41.838	ng/u1	94	
59) Diethylphthalate	15.316	149	332038	40.875	ng/u1	99	
61) Fluorene	15.545	166	315997	41.582	ng/u1	99	
62) 4-Chlorophenyl-phenyle...	15.539	204	173077	42.260	ng/u1	98	
63) 4-Nitroaniline	15.627	138	46477	44.292	ng/u1	89	
66) 4,6-Dinitro-2-methylph...	15.651	198	60785	41.892	ng/u1	97	
67) N-Nitrosodiphenylamine	15.769	169	246928	41.843	ng/u1	99	
68) 4-Bromophenyl-phenylether	16.433	248	103099	41.165	ng/u1	94	
69) Hexachlorobenzene	16.516	284	126012	41.157	ng/u1	99	
70) Atrazine	16.715	200	96928	42.641	ng/u1	100	
71) Pentachlorophenol	16.886	266	72880	41.337	ng/u1	98	
72) Phenanthrene	17.292	178	481820	40.990	ng/u1	98	
74) Anthracene	17.386	178	488251	41.295	ng/u1	99	
75) 1,2,3,4-Tetrachloroben...	13.286	216	138271	41.559	ng/uL	99	
76) Pentachlorobenzene	14.792	250	145219	41.598	ng/uL	97	
77) Carbazole	17.674	167	404817	41.465	ng/u1	100	
78) Di-n-butylphthalate	18.192	149	586874	41.109	ng/u1	99	
80) Fluoranthene	19.309	202	614082	42.039	ng/u1	100	
82) Pyrene	19.674	202	641546	41.421	ng/u1	100	
83) Butylbenzylphthalate	20.556	149	273575	41.354	ng/u1	98	
84) 3,3'-Dichlorobenzidine	21.362	252	216779	43.294	ng/u1	99	
85) Benzo(a)anthracene	21.415	228	636235	41.428	ng/u1	100	
86) Bis(2-ethylhexyl)phtha...	21.298	149	415101	41.357	ng/u1	99	
87) Chrysene	21.474	228	613334	41.179	ng/u1	99	
89) Di-n-octyl phthalate	22.215	149	717118	41.395	ng/u1	100	
90) Benzo(b)fluoranthene	23.074	252	618574	42.264	ng/u1	99	
91) Benzo(k)fluoranthene	23.121	252	636498	40.853	ng/u1	99	
93) Benzo(a)pyrene	23.697	252	598923	41.995	ng/u1	99	
94) Indeno(1,2,3-cd)pyrene	26.285	276	738477	41.664	ng/u1	99	
95) Dibenzo(a,h)anthracene	26.297	278	616946	41.984	ng/u1	99	
96) Benzo(g,h,i)perylene	27.056	276	585582	41.605	ng/u1	97	

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

