

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112322\
 Data File : BM037685.D
 Acq On : 23 Nov 2022 21:39
 Operator : CG/JU
 Sample : SST04093
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST040043

Quant Time: Nov 24 00:43:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 24 00:36:57 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2022
 Supervised By :mohammad ahmed 11/28/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	159117	20.000	ng/u1	0.00
20) Naphthalene-d8	10.940	136	808661	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.739	164	514377	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.474	188	1053150	20.000	ng/u1	0.00
79) Chrysene-d12	21.639	240	1037753	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	1012654	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	60962	16.889	ng/uL	0.00
4) Pyridine-d5	3.869	84	524746	48.700	ng/u1	0.00
7) Phenol-d5	7.263	99	647853	46.784	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.434	67	440205	51.804	ng/u1	0.00
11) 2-Chlorophenol-d4	7.640	132	463452	43.804	ng/u1	0.00
15) 4-Methylphenol-d8	8.822	113	525081	46.435	ng/u1	0.00
21) Nitrobenzene-d5	9.287	128	267213	44.236	ng/u1	0.00
24) 2-Nitrophenol-d4	10.016	143	264699	40.228	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	479490	39.526	ng/u1	0.00
31) 4-Chloroaniline-d4	11.075	131	772005	41.644	ng/u1	0.00
46) Dimethylphthalate-d6	14.145	166	1492823	41.974	ng/u1	0.00
49) Acenaphthylene-d8	14.439	160	1819129	42.545	ng/u1	0.00
54) 4-Nitrophenol-d4	14.922	143	335412	47.182	ng/u1	0.00
60) Fluorene-d10	15.727	176	1310581	41.323	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.839	200	221489	33.205	ng/u1	0.00
73) Anthracene-d10	17.574	188	2053566	42.339	ng/u1	0.00
81) Pyrene-d10	19.857	212	2232516	41.169	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	2199523	42.196	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.475	88	67224	17.726	ng/uL	95
5) Pyridine	3.893	79	529302	49.044	ng/u1	98
6) Benzaldehyde	7.246	77	388175	60.593	ng/u1	99
8) Phenol	7.293	94	685043	47.018	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.528	93	563028	48.169	ng/u1	98
12) 2-Chlorophenol	7.675	128	506598	44.251	ng/u1	100
13) 2-Methylphenol	8.557	108	530029	47.683	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.646	45	1025118	61.750	ng/u1	99
16) Acetophenone	8.946	105	883349	48.710	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.934	70	519277	57.648	ng/u1	100
18) 4-Methylphenol	8.887	108	588822	48.088	ng/u1	97
19) Hexachloroethane	9.210	117	217388	47.846	ng/u1	99
22) Nitrobenzene	9.328	77	723989	49.657	ng/u1	99
23) Isophorone	9.857	82	1448956	51.527	ng/u1	99
25) 2-Nitrophenol	10.045	139	296997	39.491	ng/u1	98
26) 2,4-Dimethylphenol	10.098	107	646150	45.694	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.340	93	819966	46.901	ng/u1	99
29) 2,4-Dichlorophenol	10.581	162	489437	39.205	ng/u1	97
30) Naphthalene	10.992	128	1807528	41.895	ng/u1	100
32) 4-Chloroaniline	11.098	127	811399	42.239	ng/u1	99
33) Hexachlorobutadiene	11.275	225	247635	32.210	ng/u1	99
34) Caprolactam	11.869	113	196697m	47.880	ng/u1	
35) 4-Chloro-3-methylphenol	12.204	107	625067	48.271	ng/u1	99
36) 2-Methylnaphthalene	12.586	142	1253908	42.084	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.804	142	1262993	42.126	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.951	216	523559	33.914	ng/u1	97
40) Hexachlorocyclopentadiene	12.928	237	298267	34.559	ng/u1	99
41) 2,4,6-Trichlorophenol	13.181	196	376475	37.777	ng/u1	99
42) 2,4,5-Trichlorophenol	13.251	196	409282	38.141	ng/u1	100
43) 1,1'-Biphenyl	13.581	154	1605152	41.986	ng/u1	99
44) 2-Chloronaphthalene	13.628	162	1268056	41.278	ng/u1	99
45) 2-Nitroaniline	13.828	65	499962	61.722	ng/u1	95
47) Dimethylphthalate	14.198	163	1597415	42.167	ng/u1	99
48) 2,6-Dinitrotoluene	14.316	165	323440	43.604	ng/u1	99
50) Acenaphthylene	14.469	152	2044528	43.748	ng/u1	100
51) 3-Nitroaniline	14.639	138	387814	48.449	ng/u1	99
52) Acenaphthene	14.804	153	1437662	43.233	ng/u1	99
53) 2,4-Dinitrophenol	14.839	184	170285	34.187	ng/u1	98
55) 4-Nitrophenol	14.939	109	298008	57.007	ng/u1	99
56) Dibenzofuran	15.139	168	1863070	41.492	ng/u1	100
57) 2,4-Dinitrotoluene	15.092	165	472854	43.506	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.357	232	333507	35.699	ng/u1	99
59) Diethylphthalate	15.551	149	1710184	45.324	ng/u1	99
61) Fluorene	15.780	166	1618864	42.623	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.775	204	697094	37.347	ng/u1	99
63) 4-Nitroaniline	15.798	138	382281	51.368	ng/u1	96
66) 4,6-Dinitro-2-methylph...	15.851	198	239814	33.843	ng/u1	96
67) N-Nitrosodiphenylamine	15.986	169	1361065	43.597	ng/u1	99
68) 4-Bromophenyl-phenylether	16.663	248	340765	30.415	ng/u1	99
69) Hexachlorobenzene	16.780	284	443185	32.412	ng/u1	99
70) Atrazine	16.927	200	450453	40.757	ng/u1	99
71) Pentachlorophenol	17.121	266	280628	33.538	ng/u1	97
72) Phenanthrene	17.521	178	2548620	43.281	ng/u1	100
74) Anthracene	17.610	178	2620944	44.237	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.551	216	529241	34.679	ng/uL	100
76) Pentachlorobenzene	15.057	250	552015	33.243	ng/uL	98
77) Carbazole	17.874	167	2456018	45.949	ng/u1	100
78) Di-n-butylphthalate	18.427	149	3176614	51.585	ng/u1	99
80) Fluoranthene	19.521	202	2871218	43.027	ng/u1	100
82) Pyrene	19.886	202	3061548	43.550	ng/u1	99
83) Butylbenzylphthalate	20.762	149	1461178	53.515	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.551	252	898331	37.351	ng/u1	98
85) Benzo(a)anthracene	21.621	228	2930189	43.997	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	2182161	57.316	ng/u1	98
87) Chrysene	21.680	228	2738347	43.698	ng/u1	99
89) Di-n-octyl phthalate	22.492	149	3727981	50.599	ng/u1	100
90) Benzo(b)fluoranthene	23.368	252	2853228	40.502	ng/u1	99
91) Benzo(k)fluoranthene	23.421	252	2836121	41.119	ng/u1	99
93) Benzo(a)pyrene	24.021	252	2511930	42.635	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.744	276	2903831	46.053	ng/u1	99
95) Dibenzo(a,h)anthracene	26.768	278	2607147	45.979	ng/u1	99
96) Benzo(g,h,i)perylene	27.556	276	2526145	46.759	ng/u1	99

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

