

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120722\
 Data File : BM037871.D
 Acq On : 07 Dec 2022 14:43
 Operator : CG/JU
 Sample : SST04006
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST040008

Quant Time: Dec 08 01:02:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 00:59:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2022
 Supervised By :mohammad ahmed 12/08/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	213242	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	914951	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	539202	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	1062430	20.000	ng/u1	0.00
79) Chrysene-d12	21.627	240	792048	20.000	ng/u1	0.00
88) Perylene-d12	24.109	264	844624	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	74711m	16.438	ng/uL	0.00
4) Pyridine-d5	3.863	84	575404	39.143	ng/u1	0.00
7) Phenol-d5	7.246	99	701916	36.535	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	427953	38.181	ng/u1	0.00
11) 2-Chlorophenol-d4	7.616	132	599501	41.272	ng/u1	0.00
15) 4-Methylphenol-d8	8.804	113	561420	36.746	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	302500	41.621	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	324895	43.200	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	606030	43.450	ng/u1	0.00
31) 4-Chloroaniline-d4	11.051	131	813655	38.032	ng/u1	0.00
46) Dimethylphthalate-d6	14.128	166	1613701	43.583	ng/u1	0.00
49) Acenaphthylene-d8	14.416	160	1991912	44.235	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	267396	34.794	ng/u1	0.00
60) Fluorene-d10	15.704	176	1427504	42.497	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	233513	41.724	ng/u1	0.00
73) Anthracene-d10	17.557	188	2075358	42.476	ng/u1	0.00
81) Pyrene-d10	19.839	212	2063049	50.285	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	1791002	42.327	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.463	88	76050	15.613	ng/uL	93
5) Pyridine	3.881	79	575187	39.906	ng/u1	99
6) Benzaldehyde	7.222	77	266311	28.782	ng/u1	98
8) Phenol	7.275	94	698961	35.600	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.510	93	578508	36.935	ng/u1	99
12) 2-Chlorophenol	7.651	128	612048	39.147	ng/u1	99
13) 2-Methylphenol	8.534	108	548087	35.004	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.628	45	1063101	36.528	ng/u1	98
16) Acetophenone	8.922	105	886059	36.766	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.910	70	435124	35.845	ng/u1	98
18) 4-Methylphenol	8.869	108	595595	35.255	ng/u1	99
19) Hexachloroethane	9.181	117	246818	41.331	ng/u1	98
22) Nitrobenzene	9.310	77	638524	41.921	ng/u1	96
23) Isophorone	9.840	82	1199057	36.590	ng/u1	98
25) 2-Nitrophenol	10.022	139	337880	41.457	ng/u1	99
26) 2,4-Dimethylphenol	10.075	107	637560	40.696	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.316	93	786146	39.727	ng/u1	100
29) 2,4-Dichlorophenol	10.557	162	599584	42.500	ng/u1	100
30) Naphthalene	10.963	128	2027384	40.828	ng/u1	99
32) 4-Chloroaniline	11.075	127	812247	37.518	ng/u1	98
33) Hexachlorobutadiene	11.239	225	375722	42.994	ng/u1	98
34) Caprolactam	11.869	113	157487m	30.741	ng/u1	
35) 4-Chloro-3-methylphenol	12.186	107	555832	37.754	ng/u1	98
36) 2-Methylnaphthalene	12.557	142	1333043	38.803	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.775	142	1366353	39.738	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.922	216	729875	47.265	ng/u1	97
40) Hexachlorocyclopentadiene	12.898	237	411409	48.447	ng/u1	99
41) 2,4,6-Trichlorophenol	13.163	196	457343	45.365	ng/u1	97
42) 2,4,5-Trichlorophenol	13.233	196	486692	45.328	ng/u1	99
43) 1,1'-Biphenyl	13.557	154	1790615	45.686	ng/u1	99
44) 2-Chloronaphthalene	13.604	162	1384910	45.028	ng/u1	99
45) 2-Nitroaniline	13.804	65	359267	41.283	ng/u1	99
47) Dimethylphthalate	14.175	163	1603739	41.586	ng/u1	100
48) 2,6-Dinitrotoluene	14.298	165	327405	41.581	ng/u1	98
50) Acenaphthylene	14.445	152	2188099	43.827	ng/u1	99
51) 3-Nitroaniline	14.622	138	296295	31.527	ng/u1	99
52) Acenaphthene	14.780	153	1487416	42.995	ng/u1	100
53) 2,4-Dinitrophenol	14.827	184	142648	31.019	ng/u1	97
55) 4-Nitrophenol	14.927	109	174884	36.918	ng/u1	95
56) Dibenzofuran	15.116	168	2022120	43.414	ng/u1	100
57) 2,4-Dinitrotoluene	15.080	165	446271	40.583	ng/u1	95
58) 2,3,4,6-Tetrachlorophenol	15.339	232	412580	43.686	ng/u1	98
59) Diethylphthalate	15.527	149	1583706	40.043	ng/u1	99
61) Fluorene	15.763	166	1674476	42.703	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.751	204	805674	43.098	ng/u1	96
63) 4-Nitroaniline	15.780	138	257680	27.254	ng/u1	97
66) 4,6-Dinitro-2-methylph...	15.839	198	223445	38.730	ng/u1#	93
67) N-Nitrosodiphenylamine	15.963	169	1356925	44.320	ng/u1	99
68) 4-Bromophenyl-phenylether	16.645	248	483083	44.309	ng/u1	99
69) Hexachlorobenzene	16.763	284	562653	44.193	ng/u1	97
70) Atrazine	16.910	200	454845	43.138	ng/u1	97
71) Pentachlorophenol	17.104	266	312235	39.874	ng/u1	99
72) Phenanthrene	17.498	178	2402951	41.732	ng/u1	100
74) Anthracene	17.592	178	2472521	42.092	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.528	216	697902	48.719	ng/uL	99
76) Pentachlorobenzene	15.033	250	691458	44.368	ng/uL	98
77) Carbazole	17.857	167	2072193	38.334	ng/u1	98
78) Di-n-butylphthalate	18.410	149	2606161	38.347	ng/u1	100
80) Fluoranthene	19.504	202	2442330	48.736	ng/u1	100
82) Pyrene	19.868	202	2524545	48.790	ng/u1	99
83) Butylbenzylphthalate	20.745	149	976538	43.285	ng/u1	100
84) 3,3'-Dichlorobenzidine	21.539	252	641631	38.669	ng/u1	99
85) Benzo(a)anthracene	21.609	228	2202847	43.469	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.515	149	1406281	41.253	ng/u1	99
87) Chrysene	21.662	228	2055491	43.575	ng/u1	99
89) Di-n-octyl phthalate	22.468	149	2281743	37.539	ng/u1	100
90) Benzo(b)fluoranthene	23.350	252	2233825	41.183	ng/u1	99
91) Benzo(k)fluoranthene	23.397	252	2121537	40.545	ng/u1	100
93) Benzo(a)pyrene	23.997	252	1949205	41.439	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.715	276	2496670	47.212	ng/u1	98
95) Dibenzo(a,h)anthracene	26.727	278	2119737	44.041	ng/u1	99
96) Benzo(g,h,i)perylene	27.509	276	1967322	42.630	ng/u1	99

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

