

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030122\
 Data File : BM034109.D
 Acq On : 01 Mar 2022 16:59
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020095

Quant Time: Mar 01 17:46:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 01 03:48:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/02/2022
 Supervised By :mohammad ahmed 03/02/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.995	152	107412	20.000	ng/u1	0.00
20) Naphthalene-d8	10.813	136	394217	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.636	164	279244	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.371	188	605526	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.542	240	680511	20.000	ng/u1	# 0.00
88) Perylene-d12	23.994	264	761952	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	18218	7.820	ng/uL	0.00
4) Pyridine-d5	3.796	84	113811	18.592	ng/u1	0.00
7) Phenol-d5	7.143	99	136227	17.758	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.319	67	75269	17.674	ng/u1	0.00
11) 2-Chlorophenol-d4	7.525	132	124414	18.812	ng/u1	0.00
15) 4-Methylphenol-d8	8.701	113	113152	17.329	ng/u1	0.00
21) Nitrobenzene-d5	9.154	128	58993	19.812	ng/u1	0.00
24) 2-Nitrophenol-d4	9.884	143	63366	18.721	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.425	165	137139	20.021	ng/u1	0.00
31) 4-Chloroaniline-d4	10.942	131	161189	18.660	ng/u1	0.00
46) Dimethylphthalate-d6	14.042	166	408441	19.332	ng/u1	0.00
49) Acenaphthylene-d8	14.324	160	503791	19.578	ng/u1	0.00
54) 4-Nitrophenol-d4	14.807	143	63885	17.653	ng/u1	0.00
60) Fluorene-d10	15.624	176	366265	20.057	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.730	200	69284	17.526	ng/u1	0.00
73) Anthracene-d10	17.471	188	581254	19.851	ng/u1	0.00
81) Pyrene-d10	19.759	212	675966	18.426	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.836	264	746784	19.232	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.408	88	18111	7.921	ng/uL#	79
5) Pyridine	3.813	79	117318	18.779	ng/u1#	81
6) Benzaldehyde	7.125	77	93003	21.348	ng/u1#	76
8) Phenol	7.172	94	134481	17.956	ng/u1	87
10) Bis(2-Chloroethyl)ether	7.413	93	103588	17.559	ng/u1	87
12) 2-Chlorophenol	7.554	128	126699	19.303	ng/u1#	79
13) 2-Methylphenol	8.437	108	102955	17.492	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.531	45	110186	17.116	ng/u1#	87
16) Acetophenone	8.819	105	184528	18.172	ng/u1	85
17) N-Nitroso-di-n-propyla...	8.807	70	81081	17.506	ng/u1#	93
18) 4-Methylphenol	8.766	108	110729	17.346	ng/u1	94
19) Hexachloroethane	9.095	117	53637	19.514	ng/u1#	59
22) Nitrobenzene	9.201	77	127724	19.996	ng/u1#	89
23) Isophorone	9.731	82	217045	18.431	ng/u1#	88
25) 2-Nitrophenol	9.919	139	67911	19.434	ng/u1#	76
26) 2,4-Dimethylphenol	9.978	107	139870	19.985	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.213	93	133705	18.726	ng/u1#	97
29) 2,4-Dichlorophenol	10.454	162	133572	20.304	ng/u1#	92
30) Naphthalene	10.866	128	386971	19.588	ng/u1	99
32) 4-Chloroaniline	10.966	127	160010	18.738	ng/u1	99
33) Hexachlorobutadiene	11.160	225	109237	21.619	ng/u1	97
34) Caprolactam	11.719	113	28781m	16.110	ng/u1	
35) 4-Chloro-3-methylphenol	12.083	107	115375	18.730	ng/u1#	71
36) 2-Methylnaphthalene	12.472	142	282793	19.610	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.689	142	283978	19.426	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.836	216	186435	20.096	ng/ul#	96
40) Hexachlorocyclopentadiene	12.825	237	130388	20.610	ng/ul	99
41) 2,4,6-Trichlorophenol	13.072	196	111279	19.637	ng/ul	99
42) 2,4,5-Trichlorophenol	13.136	196	121732	19.531	ng/ul	93
43) 1,1'-Biphenyl	13.472	154	401719	19.517	ng/ul#	97
44) 2-Chloronaphthalene	13.513	162	314125	19.643	ng/ul	96
45) 2-Nitroaniline	13.707	65	67147	18.651	ng/ul#	69
47) Dimethylphthalate	14.083	163	400371	19.575	ng/ul	100
48) 2,6-Dinitrotoluene	14.201	165	75022	18.742	ng/ul#	86
50) Acenaphthylene	14.354	152	493722	19.536	ng/ul	99
51) 3-Nitroaniline	14.524	138	73038	18.760	ng/ul#	70
52) Acenaphthene	14.695	153	331220	19.749	ng/ul	97
53) 2,4-Dinitrophenol	14.724	184	44977	16.938	ng/ul#	78
55) 4-Nitrophenol	14.824	109	65371	19.844	ng/ul#	78
56) Dibenzofuran	15.030	168	495965	20.136	ng/ul	94
57) 2,4-Dinitrotoluene	14.983	165	112507	19.344	ng/ul#	71
58) 2,3,4,6-Tetrachlorophenol	15.254	232	107757	19.980	ng/ul#	87
59) Diethylphthalate	15.448	149	399175	19.549	ng/ul	97
61) Fluorene	15.677	166	408689	19.896	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.671	204	227449	20.703	ng/ul	90
63) 4-Nitroaniline	15.677	138	77905m	19.558	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.742	198	67965	17.592	ng/ul#	86
67) N-Nitrosodiphenylamine	15.883	169	351125	19.970	ng/ul	98
68) 4-Bromophenyl-phenylether	16.565	248	134358	20.338	ng/ul#	89
69) Hexachlorobenzene	16.683	284	158959	19.839	ng/ul#	90
70) Atrazine	16.830	200	137076	18.997	ng/ul	97
71) Pentachlorophenol	17.024	266	94103	18.036	ng/ul	99
72) Phenanthrene	17.412	178	649860	19.786	ng/ul	99
74) Anthracene	17.507	178	658369	19.794	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.436	216	190437	19.924	ng/uL	97
76) Pentachlorobenzene	14.954	250	193717	20.488	ng/uL	96
77) Carbazole	17.771	167	556243	19.189	ng/ul	99
78) Di-n-butylphthalate	18.342	149	663235	19.625	ng/ul	99
80) Fluoranthene	19.424	202	777407	18.341	ng/ul#	89
82) Pyrene	19.789	202	811689	18.538	ng/ul#	86
83) Butylbenzylphthalate	20.683	149	280560	18.172	ng/ul#	75
84) 3,3'-Dichlorobenzidine	21.459	252	294560	20.419	ng/ul#	96
85) Benzo(a)anthracene	21.530	228	819532	19.701	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.459	149	448339	18.835	ng/ul	98
87) Chrysene	21.583	228	816087	19.979	ng/ul	98
89) Di-n-octyl phthalate	22.400	149	755438	16.110	ng/ul	100
90) Benzo(b)fluoranthene	23.247	252	919170	19.023	ng/ul#	97
91) Benzo(k)fluoranthene	23.294	252	855895	18.817	ng/ul#	97
93) Benzo(a)pyrene	23.889	252	906854	19.603	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.553	276	1118095	21.718	ng/ul	95
95) Dibenzo(a,h)anthracene	26.571	278	973517	21.844	ng/ul#	96
96) Benzo(g,h,i)perylene	27.335	276	958806	22.051	ng/ul#	95

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

