

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072722\
 Data File : BM035986.D
 Acq On : 28 Jul 2022 15:39
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020136

Quant Time: Jul 29 00:50:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 27 23:55:50 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/29/2022
 Supervised By :mohammad ahmed 07/29/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	360228	20.000	ng/u1	0.00
20) Naphthalene-d8	10.686	136	1521466	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.516	164	905745	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	1847102	20.000	ng/u1	0.00
79) Chrysene-d12	21.439	240	1788735	20.000	ng/u1	0.00
88) Perylene-d12	23.809	264	1837395	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	73441	7.672	ng/uL	0.00
4) Pyridine-d5	3.693	84	481579	18.363	ng/u1	0.00
7) Phenol-d5	7.045	99	571946	18.933	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	379633	18.851	ng/u1	0.00
11) 2-Chlorophenol-d4	7.410	132	512964	20.458	ng/u1	0.00
15) 4-Methylphenol-d8	8.598	113	468265	19.134	ng/u1	0.00
21) Nitrobenzene-d5	9.045	128	250433	20.772	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	260157	22.148	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	454246	21.382	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	732394	20.365	ng/u1	0.00
46) Dimethylphthalate-d6	13.933	166	1288628	20.886	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	1634672	20.766	ng/u1	0.00
54) 4-Nitrophenol-d4	14.721	143	245927	19.411	ng/u1	0.00
60) Fluorene-d10	15.504	176	1154419	20.706	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.627	200	177381	17.865	ng/u1	0.00
73) Anthracene-d10	17.357	188	1741961	20.860	ng/u1	0.00
81) Pyrene-d10	19.645	212	1964558	19.817	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.656	264	1902005	20.390	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	75940	7.655	ng/uL#	91
5) Pyridine	3.716	79	508965	18.494	ng/u1	86
6) Benzaldehyde	7.016	77	238462	18.808	ng/u1	93
8) Phenol	7.075	94	625028	18.907	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.304	93	509094	19.155	ng/u1	95
12) 2-Chlorophenol	7.440	128	522850	20.327	ng/u1	98
13) 2-Methylphenol	8.328	108	474830	19.227	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.422	45	664351	18.938	ng/u1	96
16) Acetophenone	8.710	105	746370	18.996	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.698	70	377012	19.241	ng/u1	92
18) 4-Methylphenol	8.657	108	506508	19.118	ng/u1	99
19) Hexachloroethane	8.957	117	219448	20.677	ng/u1	92
22) Nitrobenzene	9.092	77	553889	20.076	ng/u1	98
23) Isophorone	9.616	82	1041980	20.007	ng/u1	98
25) 2-Nitrophenol	9.798	139	283379	21.746	ng/u1	97
26) 2,4-Dimethylphenol	9.863	107	541327	20.329	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.104	93	655208	19.948	ng/u1	99
29) 2,4-Dichlorophenol	10.333	162	465817	21.126	ng/u1	98
30) Naphthalene	10.733	128	1636441	20.377	ng/u1	99
32) 4-Chloroaniline	10.851	127	721617	20.199	ng/u1	99
33) Hexachlorobutadiene	11.016	225	299534	22.005	ng/u1	99
34) Caprolactam	11.628	113	145973m	20.031	ng/u1	
35) 4-Chloro-3-methylphenol	11.975	107	475324	20.731	ng/u1	96
36) 2-Methylnaphthalene	12.345	142	1077787	20.513	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	1083015	20.450	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.710	216	531412	20.611	ng/ul	98
40) Hexachlorocyclopentadiene	12.686	237	306387	17.843	ng/ul	97
41) 2,4,6-Trichlorophenol	12.957	196	356478	21.605	ng/ul	99
42) 2,4,5-Trichlorophenol	13.027	196	377521	21.444	ng/ul	100
43) 1,1'-Biphenyl	13.357	154	1416763	20.322	ng/ul	100
44) 2-Chloronaphthalene	13.398	162	1088385	20.343	ng/ul	99
45) 2-Nitroaniline	13.604	65	299659	20.316	ng/ul	96
47) Dimethylphthalate	13.980	163	1286548	20.731	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	260526	21.145	ng/ul	98
50) Acenaphthylene	14.239	152	1788189	20.535	ng/ul	100
51) 3-Nitroaniline	14.427	138	212986	15.641	ng/ul	98
52) Acenaphthene	14.580	153	1136285	20.113	ng/ul	99
53) 2,4-Dinitrophenol	14.633	184	120316	17.199	ng/ul	97
55) 4-Nitrophenol	14.733	109	189101	19.515	ng/ul	86
56) Dibenzofuran	14.916	168	1607996	20.571	ng/ul	99
57) 2,4-Dinitrotoluene	14.886	165	368387	21.211	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.139	232	307745	22.248	ng/ul#	94
59) Diethylphthalate	15.339	149	1328482	21.163	ng/ul	99
61) Fluorene	15.563	166	1300836	20.372	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.557	204	626908	20.491	ng/ul	97
63) 4-Nitroaniline	15.586	138	190181	15.171	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.645	198	182918	18.411	ng/ul#	99
67) N-Nitrosodiphenylamine	15.774	169	1078256	19.856	ng/ul	99
68) 4-Bromophenyl-phenylether	16.451	248	379133	20.937	ng/ul	100
69) Hexachlorobenzene	16.557	284	453393	20.549	ng/ul	98
70) Atrazine	16.727	200	390173	20.716	ng/ul	100
71) Pentachlorophenol	16.904	266	272353	20.206	ng/ul	98
72) Phenanthrene	17.298	178	2004777	20.250	ng/ul	98
74) Anthracene	17.392	178	2042025	20.556	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.316	216	556062	19.359	ng/ul	96
76) Pentachlorobenzene	14.833	250	531326	20.406	ng/ul	99
77) Carbazole	17.662	167	1855871	20.227	ng/ul	99
78) Di-n-butylphthalate	18.227	149	2367906	22.874	ng/ul	100
80) Fluoranthene	19.315	202	2341819	19.771	ng/ul	97
82) Pyrene	19.674	202	2400237	19.661	ng/ul	97
83) Butylbenzylphthalate	20.580	149	1025893	23.104	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.356	252	672100	20.362	ng/ul	98
85) Benzo(a)anthracene	21.421	228	2331661	20.710	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.356	149	1541254	24.023	ng/ul	99
87) Chrysene	21.474	228	2252971	20.509	ng/ul	100
89) Di-n-octyl phthalate	22.274	149	2556658	21.547	ng/ul	100
90) Benzo(b)fluoranthene	23.086	252	2438086m	19.883	ng/ul	
91) Benzo(k)fluoranthene	23.133	252	2256983	19.396	ng/ul	97
93) Benzo(a)pyrene	23.703	252	2367261	20.268	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.279	276	2745020	22.049	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.297	278	2361678	22.111	ng/ul	95
96) Benzo(g,h,i)perylene	27.038	276	2323957	22.526	ng/ul	96

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

