

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072622\
 Data File : BM035917.D
 Acq On : 26 Jul 2022 09:41
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020130

Quant Time: Jul 26 14:04:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 25 14:55:39 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/27/2022
 Supervised By :mohammad ahmed 07/27/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	367181	20.000	ng/u1	0.00
20) Naphthalene-d8	10.692	136	1663338	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.521	164	1050952	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	2179982	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	2096752	20.000	ng/u1	0.00
88) Perylene-d12	23.803	264	1985880	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	82030	8.407	ng/uL	0.00
4) Pyridine-d5	3.699	84	551161	20.618	ng/u1	0.00
7) Phenol-d5	7.045	99	629161	20.433	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	446068	21.731	ng/u1	0.00
11) 2-Chlorophenol-d4	7.410	132	540474	21.146	ng/u1	0.00
15) 4-Methylphenol-d8	8.598	113	524822	21.039	ng/u1	0.00
21) Nitrobenzene-d5	9.051	128	277008	21.017	ng/u1	0.00
24) 2-Nitrophenol-d4	9.775	143	264523	20.599	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	490461	21.118	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	873306	22.212	ng/u1	0.00
46) Dimethylphthalate-d6	13.939	166	1532419	21.406	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	1928886	21.118	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	296472	20.167	ng/u1	0.00
60) Fluorene-d10	15.510	176	1398710	21.622	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.627	200	215184	18.363	ng/u1	0.00
73) Anthracene-d10	17.357	188	2106337	21.371	ng/u1	0.00
81) Pyrene-d10	19.645	212	2425122	20.869	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.650	264	2093787	20.767	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	84106	8.317	ng/uL#	96
5) Pyridine	3.716	79	593954	21.173	ng/u1	88
6) Benzaldehyde	7.022	77	212854	16.470	ng/u1	94
8) Phenol	7.075	94	704413	20.904	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.310	93	577958	21.334	ng/u1	98
12) 2-Chlorophenol	7.445	128	557246	21.254	ng/u1	99
13) 2-Methylphenol	8.328	108	523787	20.807	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.422	45	780078	21.815	ng/u1	97
16) Acetophenone	8.710	105	886787	22.142	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.704	70	458193	22.942	ng/u1	95
18) 4-Methylphenol	8.663	108	575877	21.325	ng/u1	99
19) Hexachloroethane	8.963	117	230248	21.284	ng/u1	85
22) Nitrobenzene	9.092	77	649198	21.524	ng/u1	98
23) Isophorone	9.622	82	1246488	21.893	ng/u1	97
25) 2-Nitrophenol	9.804	139	304177	21.351	ng/u1	99
26) 2,4-Dimethylphenol	9.863	107	620631	21.320	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.110	93	778716	21.686	ng/u1	99
29) 2,4-Dichlorophenol	10.333	162	513740	21.312	ng/u1	99
30) Naphthalene	10.739	128	1866026	21.254	ng/u1	99
32) 4-Chloroaniline	10.857	127	876937	22.453	ng/u1	99
33) Hexachlorobutadiene	11.022	225	310314	20.852	ng/u1	99
34) Caprolactam	11.627	113	163532m	20.527	ng/u1	
35) 4-Chloro-3-methylphenol	11.975	107	556173	22.188	ng/u1	98
36) 2-Methylnaphthalene	12.351	142	1254567	21.841	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	1264788	21.845	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.716	216	605563	20.242	ng/ul	99
40) Hexachlorocyclopentadiene	12.692	237	374517	18.797	ng/ul	97
41) 2,4,6-Trichlorophenol	12.957	196	394160	20.589	ng/ul	99
42) 2,4,5-Trichlorophenol	13.027	196	427964	20.950	ng/ul	100
43) 1,1'-Biphenyl	13.357	154	1670963	20.657	ng/ul	99
44) 2-Chloronaphthalene	13.398	162	1273619	20.516	ng/ul	100
45) 2-Nitroaniline	13.604	65	370216	21.631	ng/ul	96
47) Dimethylphthalate	13.986	163	1542423	21.420	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	308374	21.570	ng/ul	95
50) Acenaphthylene	14.245	152	2149393	21.272	ng/ul	100
51) 3-Nitroaniline	14.427	138	251018	15.887	ng/ul	99
52) Acenaphthene	14.586	153	1369533	20.893	ng/ul	99
53) 2,4-Dinitrophenol	14.633	184	146762	18.080	ng/ul	100
55) 4-Nitrophenol	14.733	109	229309	20.395	ng/ul	85
56) Dibenzofuran	14.916	168	1937552	21.363	ng/ul	98
57) 2,4-Dinitrotoluene	14.886	165	449698	22.315	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.139	232	342033	21.310	ng/ul#	90
59) Diethylphthalate	15.345	149	1582027	21.720	ng/ul	99
61) Fluorene	15.563	166	1591318	21.478	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.563	204	756465	21.310	ng/ul	98
63) 4-Nitroaniline	15.586	138	229234	15.760	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.639	198	222292	18.958	ng/ul	92
67) N-Nitrosodiphenylamine	15.774	169	1332347	20.789	ng/ul	99
68) 4-Bromophenyl-phenylether	16.457	248	446447	20.890	ng/ul	99
69) Hexachlorobenzene	16.562	284	544232	20.900	ng/ul	98
70) Atrazine	16.727	200	453765	20.413	ng/ul	98
71) Pentachlorophenol	16.904	266	308243	19.377	ng/ul	99
72) Phenanthrene	17.304	178	2467307	21.117	ng/ul	98
74) Anthracene	17.392	178	2518983	21.485	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.321	216	627200	18.501	ng/ul	98
76) Pentachlorobenzene	14.833	250	619079	20.146	ng/ul	99
77) Carbazole	17.662	167	2297014	21.213	ng/ul	99
78) Di-n-butylphthalate	18.233	149	2668695	21.843	ng/ul	99
80) Fluoranthene	19.309	202	2834766	20.417	ng/ul	99
82) Pyrene	19.674	202	2939301	20.539	ng/ul	99
83) Butylbenzylphthalate	20.580	149	1079431	20.739	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.356	252	771306	19.934	ng/ul	97
85) Benzo(a)anthracene	21.421	228	2824500	21.402	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.356	149	1607005	21.368	ng/ul	99
87) Chrysene	21.474	228	2746924	21.332	ng/ul	99
89) Di-n-octyl phthalate	22.274	149	2512160	19.589	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	2706947	20.425	ng/ul	98
91) Benzo(k)fluoranthene	23.133	252	2699681	21.466	ng/ul	98
93) Benzo(a)pyrene	23.703	252	2651525	21.004	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.268	276	2755897	20.481	ng/ul	94
95) Dibenzo(a,h)anthracene	26.285	278	2350388	20.360	ng/ul	97
96) Benzo(g,h,i)perylene	27.026	276	2265064	20.314	ng/ul	95

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

