

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
 Data File : BM030769.D
 Acq On : 02 Jul 2021 08:05
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020013

Manual Integrations
 APPROVED

mohammad
 7/2/2021 12:04:28 PM

Quant Time: Jul 02 08:41:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 02 04:13:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	118966	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.557	136	501117	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.398	164	320190	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.139	188	637521	20.000	ng/ul	0.00
79) Chrysene-d12	21.309	240	499407	20.000	ng/ul	0.00
88) Perylene-d12	23.556	264	479156	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	22356	7.619	ng/uL	0.00
4) Pyridine-d5	3.675	84	149085	18.909	ng/ul	0.00
7) Phenol-d5	6.940	99	194303	18.938	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	124147	19.251	ng/ul	0.00
11) 2-Chlorophenol-d4	7.304	132	156092	19.709	ng/ul	0.00
15) 4-Methylphenol-d8	8.475	113	155422	19.465	ng/ul	0.00
21) Nitrobenzene-d5	8.928	128	72382	19.357	ng/ul	0.00
24) 2-Nitrophenol-d4	9.645	143	80381	19.343	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.181	165	160519	20.164	ng/ul	0.00
31) 4-Chloroaniline-d4	10.692	131	207906	18.728	ng/ul	-0.01
46) Dimethylphthalate-d6	13.810	166	442437	20.012	ng/ul	-0.01
49) Acenaphthylene-d8	14.092	160	562070	19.586	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.598	143	76891	18.358	ng/ul	-0.01
60) Fluorene-d10	15.392	176	385352	19.652	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.521	200	68154	16.340	ng/ul	0.00
73) Anthracene-d10	17.239	188	611336	20.547	ng/ul	0.00
81) Pyrene-d10	19.527	212	611746	23.377	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.415	264	527294	21.167	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	23252	7.450	ng/uL	97
5) Pyridine	3.693	79	158705	18.700	ng/ul	93
6) Benzaldehyde	6.922	77	122172m	24.490	ng/ul	
8) Phenol	6.963	94	199789	19.258	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.198	93	152689	18.674	ng/ul	99
12) 2-Chlorophenol	7.334	128	155947	19.540	ng/ul	97
13) 2-Methylphenol	8.210	108	145433	19.345	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.293	45	252895	19.512	ng/ul	99
16) Acetophenone	8.592	105	237690	19.277	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.581	70	125599	20.594	ng/ul	97
18) 4-Methylphenol	8.540	108	158411	19.349	ng/ul	100
19) Hexachloroethane	8.840	117	64461	19.277	ng/ul	99
22) Nitrobenzene	8.969	77	186368	19.756	ng/ul	98
23) Isophorone	9.492	82	326103	19.963	ng/ul	99
25) 2-Nitrophenol	9.675	139	85934	19.475	ng/ul	97
26) 2,4-Dimethylphenol	9.734	107	178366	19.999	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.969	93	206111	19.393	ng/ul	99
29) 2,4-Dichlorophenol	10.204	162	153300	20.101	ng/ul	99
30) Naphthalene	10.604	128	492246	19.401	ng/ul	100
32) 4-Chloroaniline	10.716	127	210109	19.064	ng/ul	100
33) Hexachlorobutadiene	10.886	225	98749	19.149	ng/ul	99
34) Caprolactam	11.498	113	44094	19.920	ng/ul	95
35) 4-Chloro-3-methylphenol	11.839	107	158127	21.116	ng/ul	99
36) 2-Methylnaphthalene	12.216	142	356531	20.137	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.439	142	354452	19.778	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.586	216	189921	19.012	ng/ul	98
40) Hexachlorocyclopentadiene	12.569	237	93333	14.318	ng/ul	99
41) 2,4,6-Trichlorophenol	12.828	196	122229	19.429	ng/ul	98
42) 2,4,5-Trichlorophenol	12.904	196	132409	19.720	ng/ul	99
43) 1,1'-Biphenyl	13.233	154	453513	19.191	ng/ul	100
44) 2-Chloronaphthalene	13.275	162	356851	19.208	ng/ul	100
45) 2-Nitroaniline	13.480	65	106212	21.273	ng/ul	97
47) Dimethylphthalate	13.857	163	438967	20.265	ng/ul	100
48) 2,6-Dinitrotoluene	13.980	165	88416	21.184	ng/ul	99
50) Acenaphthylene	14.122	152	531532	19.968	ng/ul	99
51) 3-Nitroaniline	14.310	138	91942	20.679	ng/ul	100
52) Acenaphthene	14.463	153	378129	19.573	ng/ul	98
53) 2,4-Dinitrophenol	14.522	184	52073	18.979	ng/ul	97
55) 4-Nitrophenol	14.616	109	67746	20.218	ng/ul	98
56) Dibenzofuran	14.798	168	531016	19.717	ng/ul	99
57) 2,4-Dinitrotoluene	14.769	165	132205	22.623	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.027	232	112783	20.750	ng/ul	99
59) Diethylphthalate	15.221	149	456445	21.935	ng/ul	100
61) Fluorene	15.445	166	443158	19.966	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.445	204	219758	19.881	ng/ul	98
63) 4-Nitroaniline	15.474	138	95201	22.486	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.533	198	65554	16.150	ng/ul	96
67) N-Nitrosodiphenylamine	15.657	169	379783	19.988	ng/ul	99
68) 4-Bromophenyl-phenylether	16.333	248	129010	19.832	ng/ul	98
69) Hexachlorobenzene	16.451	284	154622	20.550	ng/ul	99
70) Atrazine	16.610	200	142895	21.203	ng/ul	98
71) Pentachlorophenol	16.792	266	87226	18.500	ng/ul	97
72) Phenanthrene	17.180	178	689787	20.148	ng/ul	99
74) Anthracene	17.274	178	728016	20.798	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.198	216	191226	18.806	ng/uL	99
76) Pentachlorobenzene	14.722	250	181634	18.752	ng/uL	98
77) Carbazole	17.545	167	619146	19.725	ng/ul	100
78) Di-n-butylphthalate	18.104	149	776679	24.283	ng/ul	100
80) Fluoranthene	19.192	202	769761	24.086	ng/ul	100
82) Pyrene	19.557	202	788177	23.471	ng/ul	100
83) Butylbenzylphthalate	20.451	149	296079	26.785	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.227	252	166486	16.912	ng/ul	98
85) Benzo(a)anthracene	21.292	228	666545	21.507	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	426837	26.847	ng/ul	99
87) Chrysene	21.345	228	637351	21.095	ng/ul	99
89) Di-n-octyl phthalate	22.098	149	644299	23.375	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	650649	21.388	ng/ul	100
91) Benzo(k)fluoranthene	22.921	252	613174	20.974	ng/ul	100
93) Benzo(a)pyrene	23.462	252	571759	20.903	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.833	276	756567	21.971	ng/ul	100
95) Dibenzo(a,h)anthracene	25.844	278	636638	22.302	ng/ul	99
96) Benzo(g,h,i)perylene	26.533	276	620231	21.588	ng/ul	98

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

