

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
 Data File : BM033364.D
 Acq On : 09 Dec 2021 19:12
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020082

Quant Time: Dec 10 02:47:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 09 13:25:37 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
 Supervised By :mohammad ahmed 12/15/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	41747	20.000	ng/u1	0.00
20) Naphthalene-d8	10.707	136	170359	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.530	164	112890	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.271	188	245940	20.000	ng/u1	0.00
79) Chrysene-d12	21.436	240	257007	20.000	ng/u1	0.00
88) Perylene-d12	23.759	264	250202	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.366	96	8368m	7.532	ng/uL	0.00
4) Pyridine-d5	3.784	84	55483	17.225	ng/u1	0.00
7) Phenol-d5	7.078	99	68052	17.215	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.242	67	45720	17.666	ng/u1	0.00
11) 2-Chlorophenol-d4	7.442	132	50794	18.352	ng/u1	0.00
15) 4-Methylphenol-d8	8.619	113	54203	17.518	ng/u1	0.00
21) Nitrobenzene-d5	9.072	128	26145	18.914	ng/u1	0.00
24) 2-Nitrophenol-d4	9.789	143	26883	18.955	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.330	165	51530	19.226	ng/u1	0.00
31) 4-Chloroaniline-d4	10.842	131	68248	17.175	ng/u1	0.00
46) Dimethylphthalate-d6	13.942	166	157274	18.646	ng/u1	0.00
49) Acenaphthylene-d8	14.230	160	198801	19.013	ng/u1	0.00
54) 4-Nitrophenol-d4	14.748	143	25389	16.578	ng/u1	0.00
60) Fluorene-d10	15.524	176	141569	18.764	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.642	200	22340	15.050	ng/u1	0.00
73) Anthracene-d10	17.371	188	225739	18.572	ng/u1	0.00
81) Pyrene-d10	19.653	212	265183	18.462	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.606	264	248405	18.317	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.401	88	8640m	6.987	ng/uL	
5) Pyridine	3.807	79	57761	17.412	ng/u1	91
6) Benzaldehyde	7.054	77	50825m	23.077	ng/u1	
8) Phenol	7.107	94	69903	17.167	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.331	93	54212	17.697	ng/u1	96
12) 2-Chlorophenol	7.478	128	52905	18.485	ng/u1	96
13) 2-Methylphenol	8.354	108	50174	16.996	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.431	45	93800	17.746	ng/u1#	96
16) Acetophenone	8.736	105	89185	17.400	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.713	70	50773	18.122	ng/u1	99
18) 4-Methylphenol	8.678	108	55619	17.220	ng/u1	93
19) Hexachloroethane	8.983	117	26075	18.033	ng/u1	92
22) Nitrobenzene	9.113	77	76194	18.827	ng/u1	98
23) Isophorone	9.636	82	129570	18.697	ng/u1	99
25) 2-Nitrophenol	9.825	139	28371	18.869	ng/u1	99
26) 2,4-Dimethylphenol	9.878	107	69355	19.024	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.113	93	73779	18.930	ng/u1	99
29) 2,4-Dichlorophenol	10.354	162	51796	19.091	ng/u1	98
30) Naphthalene	10.754	128	174862	18.419	ng/u1	99
32) 4-Chloroaniline	10.872	127	72667	18.195	ng/u1	96
33) Hexachlorobutadiene	11.030	225	37576	18.921	ng/u1	97
34) Caprolactam	11.648	113	15580m	17.028	ng/u1	
35) 4-Chloro-3-methylphenol	11.989	107	60125	18.879	ng/u1	93
36) 2-Methylnaphthalene	12.360	142	118199	18.359	ng/u1	99

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37) 1-Methylnaphthalene	12.577	142	123477	18.455	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.724	216	64275	18.897	ng/ul	95
40) Hexachlorocyclopentadiene	12.701	237	50578	22.784	ng/ul	95
41) 2,4,6-Trichlorophenol	12.971	196	39368	19.663	ng/ul	95
42) 2,4,5-Trichlorophenol	13.048	196	42207	19.459	ng/ul	93
43) 1,1'-Biphenyl	13.366	154	165436	19.155	ng/ul	96
44) 2-Chloronaphthalene	13.413	162	126840	19.089	ng/ul	99
45) 2-Nitroaniline	13.624	65	46901	19.792	ng/ul	99
47) Dimethylphthalate	13.989	163	157813	18.843	ng/ul	99
48) 2,6-Dinitrotoluene	14.113	165	30287	18.708	ng/ul	91
50) Acenaphthylene	14.260	152	210197	19.307	ng/ul	98
51) 3-Nitroaniline	14.448	138	30539	19.164	ng/ul	95
52) Acenaphthene	14.595	153	135520	18.756	ng/ul	96
53) 2,4-Dinitrophenol	14.654	184	14238	14.965	ng/ul	94
55) 4-Nitrophenol	14.760	109	29800	18.003	ng/ul	89
56) Dibenzofuran	14.930	168	197896	18.887	ng/ul	96
57) 2,4-Dinitrotoluene	14.901	165	45803	19.259	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.160	232	35429	19.215	ng/ul#	98
59) Diethylphthalate	15.348	149	162412	18.685	ng/ul	99
61) Fluorene	15.577	166	164080	19.045	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.571	204	80344	18.695	ng/ul	95
63) 4-Nitroaniline	15.607	138	34632m	21.163	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.654	198	23136	15.647	ng/ul#	96
67) N-Nitrosodiphenylamine	15.789	169	137221	18.976	ng/ul	97
68) 4-Bromophenyl-phenylether	16.465	248	46589	18.807	ng/ul	96
69) Hexachlorobenzene	16.571	284	52256	18.309	ng/ul	95
70) Atrazine	16.736	200	50193	17.493	ng/ul	98
71) Pentachlorophenol	16.924	266	34136	21.329	ng/ul	93
72) Phenanthrene	17.312	178	266813	18.805	ng/ul	99
74) Anthracene	17.406	178	267490	18.596	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.330	216	66320	18.697	ng/uL	96
76) Pentachlorobenzene	14.848	250	67082	19.151	ng/uL	96
77) Carbazole	17.677	167	233363	17.949	ng/ul	99
78) Di-n-butylphthalate	18.230	149	272629	18.688	ng/ul	99
80) Fluoranthene	19.324	202	308863	18.242	ng/ul	99
82) Pyrene	19.683	202	327910	18.500	ng/ul	98
83) Butylbenzylphthalate	20.571	149	125196	18.439	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.353	252	99805	17.085	ng/ul	95
85) Benzo(a)anthracene	21.418	228	309246	18.314	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.342	149	179513	18.396	ng/ul	100
87) Chrysene	21.471	228	307318	18.518	ng/ul	98
89) Di-n-octyl phthalate	22.241	149	312156	17.016	ng/ul	100
90) Benzo(b)fluoranthene	23.053	252	315161	18.385	ng/ul	99
91) Benzo(k)fluoranthene	23.100	252	294749	18.570	ng/ul	100
93) Benzo(a)pyrene	23.659	252	305952	18.601	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.129	276	322179	18.011	ng/ul	100
95) Dibenzo(a,h)anthracene	26.141	278	278056	17.870	ng/ul	99
96) Benzo(g,h,i)perylene	26.859	276	275775	18.075	ng/ul	98

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

