

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041422\
 Data File : BM034696.D
 Acq On : 15 Apr 2022 09:03
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020114

Quant Time: Apr 18 06:31:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 18 05:39:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/22/2022
 Supervised By :Yogesh Patel 04/23/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.860	152	133761	20.000	ng/u1	0.00
20) Naphthalene-d8	10.672	136	574934	20.000	ng/u1	# 0.01
38) Acenaphthene-d10	14.513	164	352640	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.253	188	706487	20.000	ng/u1	# 0.01
79) Chrysene-d12	21.430	240	676214	20.000	ng/u1	# 0.00
88) Perylene-d12	23.800	264	668675	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.243	96	27387	7.301	ng/uL	0.01
4) Pyridine-d5	3.672	84	124016	13.700	ng/u1	0.01
7) Phenol-d5	7.025	99	212543	19.091	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.189	67	147654	19.903	ng/u1	0.01
11) 2-Chlorophenol-d4	7.389	132	174014	20.219	ng/u1	0.00
15) 4-Methylphenol-d8	8.578	113	168168	19.337	ng/u1	0.01
21) Nitrobenzene-d5	9.025	128	82069	19.423	ng/u1	0.01
24) 2-Nitrophenol-d4	9.754	143	85258	19.380	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.295	165	167940	20.273	ng/u1	0.01
31) 4-Chloroaniline-d4	10.813	131	191817m	16.784	ng/u1	0.01
46) Dimethylphthalate-d6	13.918	166	490356	19.244	ng/u1	0.00
49) Acenaphthylene-d8	14.201	160	629541	19.222	ng/u1	0.00
54) 4-Nitrophenol-d4	14.713	143	53988m	13.895	ng/u1	0.00
60) Fluorene-d10	15.501	176	419564	19.054	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.624	200	58790	13.631	ng/u1	0.01
73) Anthracene-d10	17.354	188	637313	18.921	ng/u1	0.01
81) Pyrene-d10	19.642	212	732333	19.842	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.647	264	659261	19.600	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.278	88	27889	7.384	ng/uL#	82
5) Pyridine	3.690	79	152122	15.379	ng/u1#	63
6) Benzaldehyde	6.995	77	146608	21.480	ng/u1	89
8) Phenol	7.054	94	215760	19.184	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.284	93	177213	19.524	ng/u1#	86
12) 2-Chlorophenol	7.425	128	178237	20.317	ng/u1#	86
13) 2-Methylphenol	8.313	108	162886	19.591	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.395	45	283969	20.925	ng/u1#	85
16) Acetophenone	8.689	105	269127	19.826	ng/u1#	88
17) N-Nitroso-di-n-propyla...	8.672	70	148088	20.496	ng/u1#	85
18) 4-Methylphenol	8.642	108	172414	19.493	ng/u1	98
19) Hexachloroethane	8.948	117	77353	19.603	ng/u1	89
22) Nitrobenzene	9.066	77	208582	18.830	ng/u1	90
23) Isophorone	9.595	82	390508	19.852	ng/u1#	92
25) 2-Nitrophenol	9.783	139	89537	19.002	ng/u1#	87
26) 2,4-Dimethylphenol	9.848	107	206524	19.747	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.083	93	235465	19.895	ng/u1	98
29) 2,4-Dichlorophenol	10.319	162	156747	19.172	ng/u1	96
30) Naphthalene	10.719	128	578174	19.317	ng/u1	99
32) 4-Chloroaniline	10.836	127	176262	15.395	ng/u1	97
33) Hexachlorobutadiene	11.013	225	107125	18.637	ng/u1	98
34) Caprolactam	11.607	113	40776m	15.353	ng/u1	
35) 4-Chloro-3-methylphenol	11.966	107	170681	20.110	ng/u1	89
36) 2-Methylnaphthalene	12.336	142	379875	19.803	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.554	142	392027	19.919	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.707	216	197641	18.724	ng/ul#	97
40) Hexachlorocyclopentadiene	12.689	237	117042	16.897	ng/ul	96
41) 2,4,6-Trichlorophenol	12.948	196	123706	19.293	ng/ul	98
42) 2,4,5-Trichlorophenol	13.024	196	129089	19.428	ng/ul	98
43) 1,1'-Biphenyl	13.348	154	507701	19.006	ng/ul#	97
44) 2-Chloronaphthalene	13.389	162	388859	18.961	ng/ul	98
45) 2-Nitroaniline	13.595	65	109365	19.557	ng/ul#	82
47) Dimethylphthalate	13.965	163	480200	19.150	ng/ul	99
48) 2,6-Dinitrotoluene	14.089	165	93353	19.379	ng/ul#	86
50) Acenaphthylene	14.230	152	636075	19.131	ng/ul	99
51) 3-Nitroaniline	14.418	138	70675	16.781	ng/ul	81
52) Acenaphthene	14.571	153	418147	18.890	ng/ul	100
53) 2,4-Dinitrophenol	14.624	184	21080	7.765	ng/ul#	81
55) 4-Nitrophenol	14.730	109	48492	14.615	ng/ul#	82
56) Dibenzofuran	14.907	168	587880	19.540	ng/ul	95
57) 2,4-Dinitrotoluene	14.877	165	127812	19.062	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	15.136	232	111389	19.094	ng/ul#	88
59) Diethylphthalate	15.330	149	499737	19.620	ng/ul	98
61) Fluorene	15.554	166	482284	19.000	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.554	204	234794	19.163	ng/ul	93
63) 4-Nitroaniline	15.583	138	56179m	15.148	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.636	198	57695	13.416	ng/ul#	89
67) N-Nitrosodiphenylamine	15.765	169	396162	18.821	ng/ul	99
68) 4-Bromophenyl-phenylether	16.442	248	140709	19.267	ng/ul#	91
69) Hexachlorobenzene	16.565	284	163014	18.586	ng/ul	94
70) Atrazine	16.718	200	138646	17.602	ng/ul	99
71) Pentachlorophenol	16.906	266	79652	14.831	ng/ul	98
72) Phenanthrene	17.295	178	746397	18.933	ng/ul	100
74) Anthracene	17.383	178	749914	19.197	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.313	216	204191	18.402	ng/ul	99
76) Pentachlorobenzene	14.830	250	192461	18.483	ng/ul	100
77) Carbazole	17.659	167	553038	17.114	ng/ul	97
78) Di-n-butylphthalate	18.224	149	831997	20.285	ng/ul	99
80) Fluoranthene	19.312	202	848101	20.764	ng/ul#	91
82) Pyrene	19.671	202	875078	19.712	ng/ul#	88
83) Butylbenzylphthalate	20.571	149	360903	20.766	ng/ul	87
84) 3,3'-Dichlorobenzidine	21.365	252	95767m	8.081	ng/ul	
85) Benzo(a)anthracene	21.412	228	744973	18.947	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.347	149	561963	21.605	ng/ul#	97
87) Chrysene	21.465	228	824186	19.439	ng/ul	99
89) Di-n-octyl phthalate	22.259	149	974095	21.882	ng/ul	100
90) Benzo(b)fluoranthene	23.077	252	774215	19.485	ng/ul#	97
91) Benzo(k)fluoranthene	23.124	252	829401	19.877	ng/ul#	98
93) Benzo(a)pyrene	23.694	252	754486	19.213	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.265	276	674496	16.050	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.282	278	408305	11.851	ng/ul#	95
96) Benzo(g,h,i)perylene	27.023	276	722914	17.922	ng/ul#	92

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

