

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041422\
 Data File : BM034691.D
 Acq On : 15 Apr 2022 06:03
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020113

Quant Time: Apr 18 06:27:57 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	108045	20.000	ng/u1	0.00
20) Naphthalene-d8	10.672	136	462554	20.000	ng/u1	# 0.01
38) Acenaphthene-d10	14.507	164	283693	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.254	188	561425	20.000	ng/u1	# 0.01
79) Chrysene-d12	21.430	240	538721	20.000	ng/u1	# 0.00
88) Perylene-d12	23.800	264	559102	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.243	96	22519	7.432	ng/uL	0.01
4) Pyridine-d5	3.666	84	132197	18.079	ng/u1	0.00
7) Phenol-d5	7.025	99	173227	19.263	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.190	67	118748	19.816	ng/u1	0.01
11) 2-Chlorophenol-d4	7.390	132	143355	20.621	ng/u1	0.00
15) 4-Methylphenol-d8	8.572	113	137991	19.644	ng/u1	0.00
21) Nitrobenzene-d5	9.025	128	67738	19.926	ng/u1	0.01
24) 2-Nitrophenol-d4	9.754	143	71091	20.086	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.289	165	133263	19.996	ng/u1	0.00
31) 4-Chloroaniline-d4	10.807	131	164893	17.934	ng/u1	0.00
46) Dimethylphthalate-d6	13.919	166	400560	19.540	ng/u1	0.00
49) Acenaphthylene-d8	14.201	160	511928	19.430	ng/u1	0.00
54) 4-Nitrophenol-d4	14.707	143	54003	17.277	ng/u1	0.00
60) Fluorene-d10	15.501	176	334548	18.885	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.618	200	57264	16.708	ng/u1	0.00
73) Anthracene-d10	17.348	188	509782	19.045	ng/u1	0.00
81) Pyrene-d10	19.642	212	577909	19.655	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.647	264	536663	19.082	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.278	88	22963	7.527	ng/uL#	76
5) Pyridine	3.690	79	146971	18.395	ng/u1#	73
6) Benzaldehyde	6.995	77	121901	22.111	ng/u1	90
8) Phenol	7.048	94	174327	19.189	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.284	93	146045	19.920	ng/u1	88
12) 2-Chlorophenol	7.425	128	143450	20.243	ng/u1#	85
13) 2-Methylphenol	8.307	108	131291	19.549	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.390	45	233200	21.274	ng/u1#	85
16) Acetophenone	8.689	105	218696	19.946	ng/u1#	89
17) N-Nitroso-di-n-propyla...	8.672	70	125897	21.572	ng/u1#	85
18) 4-Methylphenol	8.637	108	142121	19.893	ng/u1	96
19) Hexachloroethane	8.948	117	64507	20.239	ng/u1	83
22) Nitrobenzene	9.066	77	177630	19.932	ng/u1	91
23) Isophorone	9.595	82	322687	20.390	ng/u1#	92
25) 2-Nitrophenol	9.784	139	74346	19.612	ng/u1#	84
26) 2,4-Dimethylphenol	9.842	107	167021	19.849	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.084	93	191353	20.096	ng/u1	98
29) 2,4-Dichlorophenol	10.319	162	129501	19.688	ng/u1	97
30) Naphthalene	10.719	128	463271	19.238	ng/u1	99
32) 4-Chloroaniline	10.836	127	165144	17.928	ng/u1	97
33) Hexachlorobutadiene	11.013	225	87379	18.895	ng/u1	97
34) Caprolactam	11.595	113	45465m	21.277	ng/u1	
35) 4-Chloro-3-methylphenol	11.960	107	141695	20.751	ng/u1	89
36) 2-Methylnaphthalene	12.336	142	305949	19.824	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.554	142	316719	20.003	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.707	216	161118	18.974	ng/ul#	97
40) Hexachlorocyclopentadiene	12.689	237	103473	18.569	ng/ul	94
41) 2,4,6-Trichlorophenol	12.948	196	101043	19.588	ng/ul	95
42) 2,4,5-Trichlorophenol	13.019	196	106124	19.853	ng/ul	96
43) 1,1'-Biphenyl	13.342	154	401522	18.684	ng/ul#	97
44) 2-Chloronaphthalene	13.383	162	311602	18.887	ng/ul	95
45) 2-Nitroaniline	13.589	65	88952	19.772	ng/ul#	80
47) Dimethylphthalate	13.966	163	393466	19.505	ng/ul	99
48) 2,6-Dinitrotoluene	14.083	165	76788	19.814	ng/ul#	84
50) Acenaphthylene	14.230	152	514883	19.250	ng/ul	100
51) 3-Nitroaniline	14.419	138	63822	18.836	ng/ul	84
52) Acenaphthene	14.571	153	337650	18.961	ng/ul	99
53) 2,4-Dinitrophenol	14.624	184	46295	21.197	ng/ul#	79
55) 4-Nitrophenol	14.719	109	71422	26.758	ng/ul#	82
56) Dibenzofuran	14.907	168	466794	19.287	ng/ul	95
57) 2,4-Dinitrotoluene	14.871	165	110451	20.477	ng/ul#	72
58) 2,3,4,6-Tetrachlorophenol	15.136	232	92537	19.717	ng/ul#	87
59) Diethylphthalate	15.330	149	405084	19.769	ng/ul	98
61) Fluorene	15.554	166	385809	18.893	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.548	204	185851	18.855	ng/ul	91
63) 4-Nitroaniline	15.577	138	54033m	18.111	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.636	198	56661	16.580	ng/ul#	84
67) N-Nitrosodiphenylamine	15.765	169	326293	19.507	ng/ul	97
68) 4-Bromophenyl-phenylether	16.442	248	110596	19.057	ng/ul#	90
69) Hexachlorobenzene	16.565	284	132761	19.048	ng/ul#	93
70) Atrazine	16.712	200	115954	18.525	ng/ul	98
71) Pentachlorophenol	16.907	266	75094	17.596	ng/ul	97
72) Phenanthrene	17.295	178	598017	19.089	ng/ul	99
74) Anthracene	17.383	178	596376	19.211	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.313	216	163212	18.510	ng/uL	95
76) Pentachlorobenzene	14.830	250	157959	19.089	ng/uL	99
77) Carbazole	17.654	167	459945	17.910	ng/ul	99
78) Di-n-butylphthalate	18.224	149	662408	20.323	ng/ul	98
80) Fluoranthene	19.312	202	648722	19.936	ng/ul#	92
82) Pyrene	19.671	202	706694	19.981	ng/ul#	89
83) Butylbenzylphthalate	20.571	149	295068	21.311	ng/ul	88
84) 3,3'-Dichlorobenzidine	21.347	252	185282	19.624	ng/ul#	98
85) Benzo(a)anthracene	21.412	228	612556	19.555	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.347	149	449347	21.684	ng/ul	98
87) Chrysene	21.465	228	655096	19.394	ng/ul	99
89) Di-n-octyl phthalate	22.259	149	772258	20.748	ng/ul	100
90) Benzo(b)fluoranthene	23.077	252	643525	19.370	ng/ul#	97
91) Benzo(k)fluoranthene	23.124	252	668700	19.167	ng/ul#	98
93) Benzo(a)pyrene	23.694	252	638208	19.437	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.265	276	672166	19.129	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.282	278	573384	19.904	ng/ul#	97
96) Benzo(g,h,i)perylene	27.018	276	647793	19.207	ng/ul#	93

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

