

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041122\
 Data File : BM034604.D
 Acq On : 11 Apr 2022 10:25
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020109

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/13/2022
 Supervised By :Yogesh Patel 04/14/2022

Quant Time: Apr 12 02:52:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 08 14:30:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.872	152	93375	20.000	ng/ul	0.00
20) Naphthalene-d8	10.683	136	376877	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.524	164	223060	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	453885	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.442	240	470899	20.000	ng/ul	# 0.00
88) Perylene-d12	23.818	264	506836	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.249	96	20207m	7.717	ng/uL	0.00
4) Pyridine-d5	3.678	84	115472	18.273	ng/ul	0.00
7) Phenol-d5	7.037	99	141941	18.264	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	99149	19.145	ng/ul	0.00
11) 2-Chlorophenol-d4	7.401	132	117721	19.595	ng/ul	0.00
15) 4-Methylphenol-d8	8.589	113	111665	18.394	ng/ul	0.00
21) Nitrobenzene-d5	9.036	128	53018	19.141	ng/ul	0.00
24) 2-Nitrophenol-d4	9.766	143	55048	19.089	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.307	165	107865	19.864	ng/ul	0.00
31) 4-Chloroaniline-d4	10.819	131	130820	17.463	ng/ul	0.00
46) Dimethylphthalate-d6	13.930	166	310777	19.282	ng/ul	0.00
49) Acenaphthylene-d8	14.213	160	407467	19.669	ng/ul	0.00
54) 4-Nitrophenol-d4	14.718	143	36811	14.978	ng/ul	0.00
60) Fluorene-d10	15.513	176	275072	19.749	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.630	200	46156	16.658	ng/ul	0.00
73) Anthracene-d10	17.365	188	424058	19.596	ng/ul	0.00
81) Pyrene-d10	19.653	212	503395	19.586	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.665	264	494343	19.390	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.284	88	20105	7.625	ng/uL#	78
5) Pyridine	3.696	79	128685	18.636	ng/ul#	72
6) Benzaldehyde	7.007	77	101686	21.342	ng/ul	89
8) Phenol	7.060	94	145206	18.495	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.295	93	120065	18.949	ng/ul#	84
12) 2-Chlorophenol	7.437	128	120640	19.699	ng/ul#	88
13) 2-Methylphenol	8.319	108	107969	18.602	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.407	45	191027	20.164	ng/ul#	85
16) Acetophenone	8.701	105	178288	18.815	ng/ul#	85
17) N-Nitroso-di-n-propyla...	8.684	70	98949	19.618	ng/ul#	84
18) 4-Methylphenol	8.648	108	113226	18.338	ng/ul	97
19) Hexachloroethane	8.960	117	54001	19.604	ng/ul#	80
22) Nitrobenzene	9.078	77	142809	19.667	ng/ul	90
23) Isophorone	9.607	82	245386	19.030	ng/ul	93
25) 2-Nitrophenol	9.795	139	59586	19.291	ng/ul#	84
26) 2,4-Dimethylphenol	9.860	107	134814	19.664	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.095	93	151271	19.499	ng/ul	97
29) 2,4-Dichlorophenol	10.331	162	104544	19.507	ng/ul	96
30) Naphthalene	10.736	128	385330	19.639	ng/ul	99
32) 4-Chloroaniline	10.848	127	132567	17.663	ng/ul	100
33) Hexachlorobutadiene	11.025	225	73676	19.554	ng/ul	97
34) Caprolactam	11.607	113	30721m	17.645	ng/ul	
35) 4-Chloro-3-methylphenol	11.972	107	110056	19.782	ng/ul#	89
36) 2-Methylnaphthalene	12.348	142	248637	19.773	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.566	142	255355	19.793	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.719	216	130101	19.486	ng/ul#	97
40) Hexachlorocyclopentadiene	12.701	237	75627	17.261	ng/ul	93
41) 2,4,6-Trichlorophenol	12.960	196	77062	19.000	ng/ul	97
42) 2,4,5-Trichlorophenol	13.030	196	84607	20.131	ng/ul	99
43) 1,1'-Biphenyl	13.360	154	330831	19.579	ng/ul#	97
44) 2-Chloronaphthalene	13.401	162	255185	19.671	ng/ul	97
45) 2-Nitroaniline	13.601	65	69693	19.702	ng/ul#	82
47) Dimethylphthalate	13.977	163	304038	19.168	ng/ul	99
48) 2,6-Dinitrotoluene	14.095	165	57940	19.014	ng/ul#	82
50) Acenaphthylene	14.242	152	416580	19.808	ng/ul	99
51) 3-Nitroaniline	14.430	138	48859m	18.340	ng/ul	
52) Acenaphthene	14.583	153	274014	19.570	ng/ul	99
53) 2,4-Dinitrophenol	14.636	184	22532	13.121	ng/ul#	79
55) 4-Nitrophenol	14.736	109	32496	15.484	ng/ul#	88
56) Dibenzofuran	14.918	168	380180	19.978	ng/ul	95
57) 2,4-Dinitrotoluene	14.883	165	81840	19.297	ng/ul#	75
58) 2,3,4,6-Tetrachlorophenol	15.148	232	72927	19.763	ng/ul#	89
59) Diethylphthalate	15.342	149	314595	19.527	ng/ul	98
61) Fluorene	15.565	166	321603	20.030	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.565	204	152863	19.724	ng/ul	94
63) 4-Nitroaniline	15.589	138	42907m	18.291	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.648	198	46132	16.697	ng/ul#	81
67) N-Nitrosodiphenylamine	15.777	169	267547	19.785	ng/ul	100
68) 4-Bromophenyl-phenylether	16.454	248	90060	19.195	ng/ul#	88
69) Hexachlorobenzene	16.577	284	107530	19.083	ng/ul	93
70) Atrazine	16.724	200	91911	18.162	ng/ul	98
71) Pentachlorophenol	16.918	266	60467	17.525	ng/ul	99
72) Phenanthrene	17.307	178	498032	19.664	ng/ul	100
74) Anthracene	17.395	178	500262	19.934	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.324	216	135711	19.037	ng/ul	98
76) Pentachlorobenzene	14.842	250	126774	18.950	ng/ul	99
77) Carbazole	17.665	167	385078	18.548	ng/ul	97
78) Di-n-butylphthalate	18.236	149	503214	19.097	ng/ul	99
80) Fluoranthene	19.324	202	551649	19.395	ng/ul#	92
82) Pyrene	19.683	202	614609	19.881	ng/ul#	89
83) Butylbenzylphthalate	20.583	149	226022	18.675	ng/ul	88
84) 3,3'-Dichlorobenzidine	21.359	252	142422	17.257	ng/ul#	98
85) Benzo(a)anthracene	21.424	228	541251	19.767	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.359	149	338765	18.702	ng/ul	96
87) Chrysene	21.477	228	577037	19.544	ng/ul	99
89) Di-n-octyl phthalate	22.271	149	600685	17.802	ng/ul	100
90) Benzo(b)fluoranthene	23.094	252	593034	19.691	ng/ul#	97
91) Benzo(k)fluoranthene	23.141	252	600143	18.976	ng/ul#	96
93) Benzo(a)pyrene	23.712	252	592268	19.898	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.294	276	617161	19.375	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.306	278	487063	18.651	ng/ul#	93
96) Benzo(g,h,i)perylene	27.047	276	599634	19.612	ng/ul#	93

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

