

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083122\
 Data File : BM036472.D
 Acq On : 31 Aug 2022 15:10
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020163

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/01/2022
 Supervised By :Sohil Jodhani 09/02/2022

Quant Time: Aug 31 15:44:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 23 00:55:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	214164	20.000	ng/u1	0.00
20) Naphthalene-d8	10.527	136	888734	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.380	164	597870	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.121	188	1394219	20.000	ng/u1	0.00
79) Chrysene-d12	21.315	240	1413942	20.000	ng/u1	0.01
88) Perylene-d12	23.609	264	1362159	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	37273	6.633	ng/uL	-0.01
4) Pyridine-d5	3.563	84	260386	16.803	ng/u1	0.00
7) Phenol-d5	6.910	99	326764	17.875	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	217314	18.886	ng/u1	0.00
11) 2-Chlorophenol-d4	7.257	132	264845	18.439	ng/u1	-0.01
15) 4-Methylphenol-d8	8.451	113	267388	19.590	ng/u1	0.00
21) Nitrobenzene-d5	8.898	128	138528	20.558	ng/u1	0.00
24) 2-Nitrophenol-d4	9.616	143	131371	19.221	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.157	165	234053	19.165	ng/u1	0.00
31) 4-Chloroaniline-d4	10.680	131	363205	19.184	ng/u1	0.00
46) Dimethylphthalate-d6	13.804	166	734523	19.420	ng/u1	0.00
49) Acenaphthylene-d8	14.074	160	874432	18.536	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	139999	19.534	ng/u1	0.00
60) Fluorene-d10	15.374	176	719227	21.043	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.509	200	127255	17.754	ng/u1	0.00
73) Anthracene-d10	17.221	188	1136294	18.329	ng/u1	0.00
81) Pyrene-d10	19.521	212	1294492	17.649	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.462	264	1230158	18.419	ng/u1	-0.02
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.169	88	38860	6.565	ng/uL	98
5) Pyridine	3.581	79	271873	16.983	ng/u1	96
6) Benzaldehyde	6.875	77	174682	23.263	ng/u1	94
8) Phenol	6.934	94	346786	18.246	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.163	93	281972	18.548	ng/u1	97
12) 2-Chlorophenol	7.292	128	276241	18.392	ng/u1	98
13) 2-Methylphenol	8.186	108	266123	18.995	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.269	45	410015	20.159	ng/u1	100
16) Acetophenone	8.563	105	442513	20.157	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.545	70	233750	21.392	ng/u1	98
18) 4-Methylphenol	8.516	108	293573	19.575	ng/u1	98
19) Hexachloroethane	8.798	117	116849	18.596	ng/u1	86
22) Nitrobenzene	8.939	77	334437	20.947	ng/u1	97
23) Isophorone	9.469	82	574619	20.267	ng/u1	97
25) 2-Nitrophenol	9.651	139	145449	19.101	ng/u1	96
26) 2,4-Dimethylphenol	9.716	107	301082	19.771	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.951	93	353048	19.127	ng/u1	99
29) 2,4-Dichlorophenol	10.180	162	235094	18.815	ng/u1	98
30) Naphthalene	10.574	128	850106	18.225	ng/u1	99
32) 4-Chloroaniline	10.704	127	373645	19.403	ng/u1	99
33) Hexachlorobutadiene	10.851	225	145358	18.518	ng/u1	99
34) Caprolactam	11.492	113	78733m	21.031	ng/u1	
35) 4-Chloro-3-methylphenol	11.839	107	262642	20.789	ng/u1	97
36) 2-Methylnaphthalene	12.192	142	579508	19.801	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.416	142	591774	20.078	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.563	216	281612	17.042	ng/ul	99
40) Hexachlorocyclopentadiene	12.533	237	227483	23.204	ng/ul	97
41) 2,4,6-Trichlorophenol	12.816	196	190130	18.284	ng/ul	98
42) 2,4,5-Trichlorophenol	12.886	196	201539	18.272	ng/ul	97
43) 1,1'-Biphenyl	13.215	154	795800	17.698	ng/ul	100
44) 2-Chloronaphthalene	13.251	162	604466	17.518	ng/ul	99
45) 2-Nitroaniline	13.474	65	181804	19.458	ng/ul	94
47) Dimethylphthalate	13.851	163	756886	19.440	ng/ul	100
48) 2,6-Dinitrotoluene	13.974	165	146977	20.008	ng/ul#	85
50) Acenaphthylene	14.104	152	1021964	18.370	ng/ul	99
51) 3-Nitroaniline	14.304	138	158967	19.788	ng/ul	98
52) Acenaphthene	14.445	153	673338	18.569	ng/ul	99
53) 2,4-Dinitrophenol	14.515	184	89311	22.309	ng/ul	92
55) 4-Nitrophenol	14.621	109	117927	20.825	ng/ul#	77
56) Dibenzofuran	14.780	168	970621	19.292	ng/ul	98
57) 2,4-Dinitrotoluene	14.762	165	227070	21.796	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.009	232	180155	21.512	ng/ul	94
59) Diethylphthalate	15.209	149	872878	22.744	ng/ul	99
61) Fluorene	15.427	166	840015	21.049	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.427	204	400293	21.473	ng/ul	99
63) 4-Nitroaniline	15.468	138	166831m	22.262	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.521	198	128955	17.794	ng/ul	93
67) N-Nitrosodiphenylamine	15.645	169	700948	17.586	ng/ul	97
68) 4-Bromophenyl-phenylether	16.321	248	234677	18.178	ng/ul	99
69) Hexachlorobenzene	16.421	284	281996	18.025	ng/ul	93
70) Atrazine	16.603	200	255975	18.795	ng/ul	97
71) Pentachlorophenol	16.780	266	191895	22.248	ng/ul	99
72) Phenanthrene	17.168	178	1345790	18.361	ng/ul	99
74) Anthracene	17.256	178	1357238	18.471	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.174	216	293390	14.025	ng/uL	96
76) Pentachlorobenzene	14.692	250	304739	15.601	ng/uL	99
77) Carbazole	17.533	167	1260339	18.319	ng/ul	99
78) Di-n-butylphthalate	18.098	149	1561666	20.753	ng/ul	99
80) Fluoranthene	19.186	202	1573387	17.750	ng/ul	98
82) Pyrene	19.550	202	1635764	17.683	ng/ul	97
83) Butylbenzylphthalate	20.456	149	701738	20.278	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.238	252	531281	18.247	ng/ul	97
85) Benzo(a)anthracene	21.297	228	1575209	18.539	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.233	149	1089397	22.800	ng/ul#	98
87) Chrysene	21.350	228	1516356	18.162	ng/ul	99
89) Di-n-octyl phthalate	22.127	149	1787927	22.080	ng/ul	100
90) Benzo(b)fluoranthene	22.909	252	1560802	18.794	ng/ul	98
91) Benzo(k)fluoranthene	22.956	252	1501593	19.005	ng/ul	99
93) Benzo(a)pyrene	23.509	252	1502009	18.384	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.979	276	1519112	15.814	ng/ul	96
95) Dibenzo(a,h)anthracene	25.991	278	1305957	15.782	ng/ul	98
96) Benzo(g,h,i)perylene	26.703	276	1234395	15.027	ng/ul	98

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

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