

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041124\
 Data File : BM045139.D
 Acq On : 11 Apr 2024 18:07
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020095

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/12/2024
 Supervised By :mohammad ahmed 04/16/2024

Quant Time: Apr 11 18:57:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 11 18:54:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	64494	20.000	ng/u1	0.00
20) Naphthalene-d8	10.392	136	290939	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	201146	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.027	188	412811	20.000	ng/u1	0.00
79) Chrysene-d12	21.233	240	366644	20.000	ng/u1	0.00
88) Perylene-d12	23.450	264	376726	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	11457	6.634	ng/uL	0.00
4) Pyridine-d5	3.604	84	79932	17.019	ng/u1	0.00
7) Phenol-d5	6.798	99	107130	19.594	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	66635	20.456	ng/u1	0.00
11) 2-Chlorophenol-d4	7.151	132	89075	20.795	ng/u1	0.00
15) 4-Methylphenol-d8	8.328	113	88321	20.637	ng/u1	0.00
21) Nitrobenzene-d5	8.781	128	46126	20.640	ng/u1	0.00
24) 2-Nitrophenol-d4	9.492	143	49237	20.874	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	91241	21.097	ng/u1	0.00
31) 4-Chloroaniline-d4	10.551	131	137526	19.973	ng/u1	0.00
46) Dimethylphthalate-d6	13.692	166	287445	20.524	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	332718	20.109	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	46845	16.027	ng/u1	0.00
60) Fluorene-d10	15.268	176	250316	20.048	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	42817	17.493	ng/u1	0.00
73) Anthracene-d10	17.127	188	382456	20.595	ng/u1	0.00
81) Pyrene-d10	19.433	212	420522	23.293	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.309	264	370016	20.134	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	13966	7.743	ng/uL	88
5) Pyridine	3.622	79	87381	17.559	ng/u1	98
6) Benzaldehyde	6.787	77	64804	25.568	ng/u1	97
8) Phenol	6.828	94	108857	19.226	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.069	93	92872	21.018	ng/u1	96
12) 2-Chlorophenol	7.187	128	92147	20.501	ng/u1	98
13) 2-Methylphenol	8.063	108	84010	20.102	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.139	45	111025	21.066	ng/u1	98
16) Acetophenone	8.445	105	147591	21.212	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.428	70	77928	23.721	ng/u1	93
18) 4-Methylphenol	8.392	108	94878	21.063	ng/u1	100
19) Hexachloroethane	8.669	117	41569	21.028	ng/u1	93
22) Nitrobenzene	8.822	77	113171	20.641	ng/u1	95
23) Isophorone	9.345	82	223847	22.221	ng/u1	99
25) 2-Nitrophenol	9.522	139	54136	20.678	ng/u1	96
26) 2,4-Dimethylphenol	9.586	107	106182	21.037	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.828	93	131644	22.043	ng/u1	99
29) 2,4-Dichlorophenol	10.051	162	91117	20.854	ng/u1	97
30) Naphthalene	10.439	128	310028	20.130	ng/u1	99
32) 4-Chloroaniline	10.575	127	132373	19.758	ng/u1	97
33) Hexachlorobutadiene	10.704	225	54868	20.196	ng/u1	95
34) Caprolactam	11.369	113	29108m	19.732	ng/u1	
35) 4-Chloro-3-methylphenol	11.704	107	95115	21.898	ng/u1	97
36) 2-Methylnaphthalene	12.063	142	217241	21.603	ng/u1	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041124\
 Data File : BM045139.D
 Acq On : 11 Apr 2024 18:07
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020095

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/12/2024
 Supervised By :mohammad ahmed 04/16/2024

Quant Time: Apr 11 18:57:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 11 18:54:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.286	142	217074	21.331	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.433	216	105821	19.237	ng/ul	97
40) Hexachlorocyclopentadiene	12.398	237	59320	17.814	ng/ul	94
41) 2,4,6-Trichlorophenol	12.686	196	73807	20.568	ng/ul	91
42) 2,4,5-Trichlorophenol	12.763	196	78607	19.881	ng/ul	95
43) 1,1'-Biphenyl	13.092	154	288660	20.323	ng/ul	98
44) 2-Chloronaphthalene	13.133	162	224550	19.459	ng/ul	99
45) 2-Nitroaniline	13.363	65	65590	20.590	ng/ul	95
47) Dimethylphthalate	13.739	163	299926	20.489	ng/ul	99
48) 2,6-Dinitrotoluene	13.868	165	58447	20.370	ng/ul#	85
50) Acenaphthylene	13.986	152	391964	20.284	ng/ul	99
51) 3-Nitroaniline	14.204	138	58791	18.785	ng/ul	95
52) Acenaphthene	14.327	153	259698	20.140	ng/ul	98
53) 2,4-Dinitrophenol	14.416	184	26753	15.683	ng/ul	96
55) 4-Nitrophenol	14.515	109	42211	16.421	ng/ul	89
56) Dibenzofuran	14.668	168	350068	19.840	ng/ul	98
57) 2,4-Dinitrotoluene	14.663	165	88331	20.567	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.898	232	68181	20.148	ng/ul	98
59) Diethylphthalate	15.115	149	314832	21.081	ng/ul	98
61) Fluorene	15.321	166	286422	19.259	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.321	204	136887	19.638	ng/ul	97
63) 4-Nitroaniline	15.374	138	49893	17.534	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.427	198	46041	17.565	ng/ul	96
67) N-Nitrosodiphenylamine	15.545	169	240754	21.619	ng/ul	97
68) 4-Bromophenyl-phenylether	16.221	248	85906	21.367	ng/ul	96
69) Hexachlorobenzene	16.315	284	104956	20.068	ng/ul	95
70) Atrazine	16.509	200	83214	20.314	ng/ul	98
71) Pentachlorophenol	16.674	266	58472	18.405	ng/ul	98
72) Phenanthrene	17.068	178	453559	20.417	ng/ul	99
74) Anthracene	17.162	178	463093	20.379	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.045	216	106334	20.437	ng/uL	98
76) Pentachlorobenzene	14.580	250	116851	21.108	ng/uL	97
77) Carbazole	17.445	167	406995	18.574	ng/ul	99
78) Di-n-butylphthalate	18.009	149	563795	22.816	ng/ul	99
80) Fluoranthene	19.098	202	502515	23.600	ng/ul	98
82) Pyrene	19.462	202	535148	23.289	ng/ul	99
83) Butylbenzylphthalate	20.386	149	236144	24.529	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.168	252	143600	17.615	ng/ul	97
85) Benzo(a)anthracene	21.221	228	497290	19.989	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.162	149	355007	23.591	ng/ul	98
87) Chrysene	21.274	228	467272	20.149	ng/ul	100
89) Di-n-octyl phthalate	22.044	149	563243	23.763	ng/ul	100
90) Benzo(b)fluoranthene	22.786	252	455601	20.750	ng/ul	99
91) Benzo(k)fluoranthene	22.833	252	459467	20.790	ng/ul	99
93) Benzo(a)pyrene	23.356	252	425480	19.911	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.674	276	482663	17.437	ng/ul	100
95) Dibenzo(a,h)anthracene	25.685	278	403196	17.422	ng/ul	97
96) Benzo(g,h,i)perylene	26.350	276	378743	17.344	ng/ul	99

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

