

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121324\
 Data File : BM048982.D
 Acq On : 13 Dec 2024 15:05
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020063

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2024
 Supervised By :mohammad ahmed 12/14/2024

Quant Time: Dec 13 16:22:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 12 00:53:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	149284	20.000	ng/u1	0.00
20) Naphthalene-d8	10.333	136	586414	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.204	164	348990	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.951	188	648239	20.000	ng/u1	0.00
79) Chrysene-d12	21.174	240	603704	20.000	ng/u1	0.00
88) Perylene-d12	23.980	264	600979	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	35744	8.427	ng/uL	0.00
4) Pyridine-d5	3.546	84	257072	20.378	ng/u1	0.00
7) Phenol-d5	6.757	99	248619	19.105	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	175656	19.875	ng/u1	0.00
11) 2-Chlorophenol-d4	7.110	132	192639	20.401	ng/u1	0.00
15) 4-Methylphenol-d8	8.275	113	181579	18.692	ng/u1	0.00
21) Nitrobenzene-d5	8.710	128	84522	20.098	ng/u1	0.00
24) 2-Nitrophenol-d4	9.428	143	72575	18.667	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.963	165	173201	20.932	ng/u1	0.00
31) 4-Chloroaniline-d4	10.475	131	255165	19.779	ng/u1	0.00
46) Dimethylphthalate-d6	13.627	166	483542	20.123	ng/u1	0.00
49) Acenaphthylene-d8	13.892	160	590311	20.125	ng/u1	0.00
54) 4-Nitrophenol-d4	14.416	143	83209	18.073	ng/u1	0.00
60) Fluorene-d10	15.204	176	429435	20.620	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.321	200	51582	15.253	ng/u1	0.00
73) Anthracene-d10	17.051	188	642202	20.214	ng/u1	0.00
81) Pyrene-d10	19.351	212	677784	19.997	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.791	264	602563	19.568	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.187	88	37228	8.240	ng/uL	94
5) Pyridine	3.563	79	275897	20.930	ng/u1	95
6) Benzaldehyde	6.722	77	174631	25.169	ng/u1	98
8) Phenol	6.781	94	277074	19.752	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.010	93	223035	20.107	ng/u1	99
12) 2-Chlorophenol	7.140	128	202375	20.300	ng/u1	99
13) 2-Methylphenol	8.016	108	181104	18.813	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.092	45	330945	20.158	ng/u1	98
16) Acetophenone	8.387	105	318606	19.495	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.375	70	160625	20.167	ng/u1	96
18) 4-Methylphenol	8.339	108	204975	19.373	ng/u1	100
19) Hexachloroethane	8.639	117	88506	20.538	ng/u1	95
22) Nitrobenzene	8.751	77	235128	20.392	ng/u1	98
23) Isophorone	9.281	82	415833	20.400	ng/u1	98
25) 2-Nitrophenol	9.457	139	91134	19.873	ng/u1	98
26) 2,4-Dimethylphenol	9.528	107	193630	20.334	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.769	93	272339	20.902	ng/u1	98
29) 2,4-Dichlorophenol	9.986	162	178748	20.901	ng/u1	98
30) Naphthalene	10.386	128	637814	20.472	ng/u1	99
32) 4-Chloroaniline	10.498	127	245172	19.743	ng/u1	98
33) Hexachlorobutadiene	10.680	225	110632	20.042	ng/u1	97
34) Caprolactam	11.269	113	50859m	18.874	ng/u1	
35) 4-Chloro-3-methylphenol	11.633	107	164058	20.055	ng/u1	98
36) 2-Methylnaphthalene	12.004	142	406088	20.579	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.227	142	403967	20.484	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.380	216	203385	19.041	ng/ul	99
40) Hexachlorocyclopentadiene	12.369	237	107622	16.223	ng/ul	99
41) 2,4,6-Trichlorophenol	12.627	196	117700	19.637	ng/ul	95
42) 2,4,5-Trichlorophenol	12.698	196	129573	19.638	ng/ul	98
43) 1,1'-Biphenyl	13.033	154	526949	19.947	ng/ul	99
44) 2-Chloronaphthalene	13.069	162	417706	19.901	ng/ul	100
45) 2-Nitroaniline	13.280	65	104193	19.350	ng/ul	96
47) Dimethylphthalate	13.674	163	483225	20.099	ng/ul	99
48) 2,6-Dinitrotoluene	13.786	165	80598	19.883	ng/ul	92
50) Acenaphthylene	13.921	152	649608	20.348	ng/ul	99
51) 3-Nitroaniline	14.116	138	94266	19.964	ng/ul	97
52) Acenaphthene	14.268	153	458982	20.268	ng/ul	99
53) 2,4-Dinitrophenol	14.316	184	28455	13.439	ng/ul	97
55) 4-Nitrophenol	14.427	109	55496	16.448	ng/ul	95
56) Dibenzofuran	14.610	168	628156	20.607	ng/ul	98
57) 2,4-Dinitrotoluene	14.574	165	125180	20.888	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.839	232	97153	20.117	ng/ul	97
59) Diethylphthalate	15.051	149	476387	20.573	ng/ul	99
61) Fluorene	15.257	166	520382	20.649	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.263	204	247237	20.246	ng/ul	96
63) 4-Nitroaniline	15.274	138	97205	21.609	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.339	198	60787	16.145	ng/ul	92
67) N-Nitrosodiphenylamine	15.474	169	397880	20.145	ng/ul	99
68) 4-Bromophenyl-phenylether	16.157	248	126150	19.756	ng/ul	94
69) Hexachlorobenzene	16.262	284	151337	19.713	ng/ul	98
70) Atrazine	16.439	200	131609	18.177	ng/ul	97
71) Pentachlorophenol	16.610	266	77274	16.260	ng/ul	99
72) Phenanthrene	16.992	178	748765	19.968	ng/ul	100
74) Anthracene	17.086	178	758186	20.080	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.992	216	199973	19.024	ng/uL	99
76) Pentachlorobenzene	14.527	250	199918	19.609	ng/uL	99
77) Carbazole	17.357	167	695003	19.517	ng/ul	99
78) Di-n-butylphthalate	17.945	149	744845	20.825	ng/ul	100
80) Fluoranthene	19.015	202	793647	19.915	ng/ul	99
82) Pyrene	19.380	202	877669	19.963	ng/ul	97
83) Butylbenzylphthalate	20.309	149	269898	20.116	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.097	252	182454	17.408	ng/ul	99
85) Benzo(a)anthracene	21.162	228	818188	20.207	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.121	149	405048	20.895	ng/ul	100
87) Chrysene	21.215	228	755676	19.828	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	575868	15.931	ng/ul	100
90) Benzo(b)fluoranthene	23.103	252	734775	19.331	ng/ul	99
91) Benzo(k)fluoranthene	23.162	252	753421	19.842	ng/ul	99
93) Benzo(a)pyrene	23.850	252	707462	20.019	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.103	276	868831	19.898	ng/ul	100
95) Dibenzo(a,h)anthracene	27.156	278	717154	20.102	ng/ul	98
96) Benzo(g,h,i)perylene	28.062	276	680961	20.317	ng/ul	99

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

