

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111124\
 Data File : BM048620.D
 Acq On : 12 Nov 2024 14:44
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020056

Quant Time: Nov 12 16:04:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 07 22:50:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/13/2024
 Supervised By :mohammad ahmed 11/13/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	126597	20.000	ng/u1	0.00
20) Naphthalene-d8	10.439	136	525073	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.304	164	334102	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.051	188	693680	20.000	ng/u1	0.00
79) Chrysene-d12	21.274	240	686117	20.000	ng/u1	-0.01
88) Perylene-d12	24.180	264	776543	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	25417	8.004	ng/uL	0.00
4) Pyridine-d5	3.534	84	181972	20.793	ng/u1	-0.01
7) Phenol-d5	6.840	99	200677	20.823	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	122921	21.236	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.193	132	171297	21.458	ng/u1	0.00
15) 4-Methylphenol-d8	8.375	113	158688	20.942	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	81830	21.502	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	86537	21.378	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.075	165	163718	21.771	ng/u1	0.00
31) 4-Chloroaniline-d4	10.586	131	226946	21.247	ng/u1	-0.01
46) Dimethylphthalate-d6	13.722	166	462226	21.673	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	546424	21.731	ng/u1	0.00
54) 4-Nitrophenol-d4	14.533	143	73739	18.615	ng/u1	0.00
60) Fluorene-d10	15.298	176	410681	22.060	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.433	200	65970	18.905	ng/u1	0.00
73) Anthracene-d10	17.151	188	647602	22.061	ng/u1	0.00
81) Pyrene-d10	19.445	212	748671	21.743	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	791958	21.827	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.158	88	28220	8.097	ng/uL	93
5) Pyridine	3.557	79	193805	21.573	ng/u1	97
6) Benzaldehyde	6.804	77	127908m	26.858	ng/u1	
8) Phenol	6.863	94	214342	21.199	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.087	93	167654	21.099	ng/u1	98
12) 2-Chlorophenol	7.222	128	176925	21.393	ng/u1	98
13) 2-Methylphenol	8.110	108	157923	21.099	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.175	45	249457	21.348	ng/u1	98
16) Acetophenone	8.481	105	260525	22.056	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.463	70	122771	22.117	ng/u1	99
18) 4-Methylphenol	8.440	108	179633	21.918	ng/u1	97
19) Hexachloroethane	8.722	117	73658	21.076	ng/u1	95
22) Nitrobenzene	8.851	77	186664	21.632	ng/u1	99
23) Isophorone	9.381	82	347210	21.753	ng/u1	99
25) 2-Nitrophenol	9.563	139	96445	21.863	ng/u1	99
26) 2,4-Dimethylphenol	9.634	107	177669	21.562	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.863	93	217779	21.859	ng/u1	99
29) 2,4-Dichlorophenol	10.098	162	164106	21.514	ng/u1	99
30) Naphthalene	10.492	128	573900	21.594	ng/u1	100
32) 4-Chloroaniline	10.616	127	215182	21.366	ng/u1	99
33) Hexachlorobutadiene	10.775	225	109877	21.286	ng/u1	98
34) Caprolactam	11.386	113	50567m	21.034	ng/u1	
35) 4-Chloro-3-methylphenol	11.751	107	166389	22.543	ng/u1	99
36) 2-Methylnaphthalene	12.110	142	376144	22.120	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.333	142	383515	21.976	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.486	216	199660	20.854	ng/ul	99
40) Hexachlorocyclopentadiene	12.463	237	94218	19.253	ng/ul	99
41) 2,4,6-Trichlorophenol	12.733	196	128805	21.299	ng/ul	98
42) 2,4,5-Trichlorophenol	12.816	196	139568	21.671	ng/ul	98
43) 1,1'-Biphenyl	13.133	154	489136	21.411	ng/ul	100
44) 2-Chloronaphthalene	13.175	162	387610	21.502	ng/ul	100
45) 2-Nitroaniline	13.392	65	97524	21.543	ng/ul	97
47) Dimethylphthalate	13.769	163	461533	21.543	ng/ul	100
48) 2,6-Dinitrotoluene	13.892	165	89784	21.984	ng/ul	96
50) Acenaphthylene	14.022	152	601165	21.690	ng/ul	100
51) 3-Nitroaniline	14.227	138	94670	21.345	ng/ul	97
52) Acenaphthene	14.369	153	417868	21.415	ng/ul	100
53) 2,4-Dinitrophenol	14.439	184	34808	15.851	ng/ul	94
55) 4-Nitrophenol	14.545	109	54974	19.196	ng/ul	99
56) Dibenzofuran	14.704	168	585592	21.754	ng/ul	99
57) 2,4-Dinitrotoluene	14.686	165	136269	22.954	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.939	232	115981	21.650	ng/ul	99
59) Diethylphthalate	15.133	149	462432	21.909	ng/ul	99
61) Fluorene	15.357	166	467791	21.950	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.351	204	228294	21.743	ng/ul	99
63) 4-Nitroaniline	15.392	138	89723m	20.544	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.451	198	73615	19.385	ng/ul	98
67) N-Nitrosodiphenylamine	15.568	169	393450	21.520	ng/ul	100
68) 4-Bromophenyl-phenylether	16.245	248	140206	21.431	ng/ul	99
69) Hexachlorobenzene	16.357	284	165397	20.948	ng/ul	96
70) Atrazine	16.521	200	139243	20.926	ng/ul	97
71) Pentachlorophenol	16.710	266	99973	19.923	ng/ul	99
72) Phenanthrene	17.092	178	738453	21.465	ng/ul	99
74) Anthracene	17.186	178	754953	21.865	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.098	216	198788	20.088	ng/uL	99
76) Pentachlorobenzene	14.627	250	196565	20.387	ng/uL	98
77) Carbazole	17.462	167	680957	21.896	ng/ul	100
78) Di-n-butylphthalate	18.021	149	809477	22.139	ng/ul	99
80) Fluoranthene	19.109	202	867646	21.717	ng/ul	98
82) Pyrene	19.474	202	939211	21.680	ng/ul	99
83) Butylbenzylphthalate	20.374	149	373671	22.455	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.186	252	280542	22.504	ng/ul	99
85) Benzo(a)anthracene	21.256	228	926676	21.425	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.186	149	531575	21.897	ng/ul	99
87) Chrysene	21.321	228	896210	21.563	ng/ul	100
89) Di-n-octyl phthalate	22.280	149	917906	20.968	ng/ul	100
90) Benzo(b)fluoranthene	23.262	252	920648	21.537	ng/ul	99
91) Benzo(k)fluoranthene	23.321	252	954137	22.386	ng/ul	99
93) Benzo(a)pyrene	24.044	252	872793	21.716	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.450	276	1103754	21.132	ng/ul	98
95) Dibenzo(a,h)anthracene	27.497	278	902684	21.159	ng/ul	99
96) Benzo(g,h,i)perylene	28.462	276	862920	21.071	ng/ul	99

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

