

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111524\
 Data File : BM048725.D
 Acq On : 16 Nov 2024 02:24
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020058

Quant Time: Nov 16 04:24:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 15 16:55:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/18/2024
 Supervised By :mohammad ahmed 11/18/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	131227	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	532739	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.274	164	323085	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.021	188	651536	20.000	ng/u1	0.00
79) Chrysene-d12	21.250	240	639919	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	740235	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.087	96	27136	8.244	ng/uL	0.00
4) Pyridine-d5	3.499	84	179862	19.827	ng/u1	0.00
7) Phenol-d5	6.804	99	206458	20.667	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.957	67	124718	20.786	ng/u1	0.00
11) 2-Chlorophenol-d4	7.157	132	177301	21.426	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	163423	20.806	ng/u1	0.00
21) Nitrobenzene-d5	8.781	128	82607	21.394	ng/u1	0.00
24) 2-Nitrophenol-d4	9.498	143	87129	21.215	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.039	165	160399	21.023	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	223796	20.651	ng/u1	0.00
46) Dimethylphthalate-d6	13.692	166	450769	21.856	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	525445	21.609	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	75203	19.632	ng/u1	0.00
60) Fluorene-d10	15.268	176	384688	21.368	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	69833	21.306	ng/u1	0.00
73) Anthracene-d10	17.121	188	593655	21.532	ng/u1	0.00
81) Pyrene-d10	19.421	212	696921	21.701	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	744333	21.521	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.116	88	29817	8.254	ng/uL	96
5) Pyridine	3.516	79	188210	20.211	ng/u1	99
6) Benzaldehyde	6.769	77	127070	25.741	ng/u1	96
8) Phenol	6.834	94	218863	20.882	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.051	93	171472	20.818	ng/u1	99
12) 2-Chlorophenol	7.187	128	182467	21.285	ng/u1	99
13) 2-Methylphenol	8.075	108	161770	20.850	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.140	45	258666	21.355	ng/u1	99
16) Acetophenone	8.445	105	268254	21.909	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.428	70	125749	21.854	ng/u1	98
18) 4-Methylphenol	8.404	108	176834	20.816	ng/u1	95
19) Hexachloroethane	8.687	117	77232	21.319	ng/u1	94
22) Nitrobenzene	8.822	77	188672	21.550	ng/u1	96
23) Isophorone	9.345	82	351267	21.691	ng/u1	99
25) 2-Nitrophenol	9.534	139	96449	21.549	ng/u1	98
26) 2,4-Dimethylphenol	9.598	107	177852	21.274	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.828	93	215239	21.293	ng/u1	99
29) 2,4-Dichlorophenol	10.063	162	164363	21.238	ng/u1	98
30) Naphthalene	10.457	128	570097	21.143	ng/u1	100
32) 4-Chloroaniline	10.581	127	211817	20.729	ng/u1	98
33) Hexachlorobutadiene	10.739	225	109170	20.845	ng/u1	97
34) Caprolactam	11.357	113	49798m	20.416	ng/u1	
35) 4-Chloro-3-methylphenol	11.716	107	156077	20.842	ng/u1	98
36) 2-Methylnaphthalene	12.075	142	370255	21.460	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	378202	21.360	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.451	216	193090	20.856	ng/ul	99
40) Hexachlorocyclopentadiene	12.427	237	108907	23.013	ng/ul	98
41) 2,4,6-Trichlorophenol	12.704	196	122975	21.028	ng/ul	97
42) 2,4,5-Trichlorophenol	12.780	196	134527	21.601	ng/ul	100
43) 1,1'-Biphenyl	13.104	154	472909	21.407	ng/ul	99
44) 2-Chloronaphthalene	13.145	162	371522	21.312	ng/ul	98
45) 2-Nitroaniline	13.363	65	96834	22.120	ng/ul	99
47) Dimethylphthalate	13.739	163	450038	21.723	ng/ul	100
48) 2,6-Dinitrotoluene	13.863	165	87301	22.105	ng/ul	98
50) Acenaphthylene	13.992	152	578832	21.596	ng/ul	100
51) 3-Nitroaniline	14.198	138	90120	21.012	ng/ul	96
52) Acenaphthene	14.339	153	403895	21.405	ng/ul	99
53) 2,4-Dinitrophenol	14.410	184	42197	19.871	ng/ul	98
55) 4-Nitrophenol	14.516	109	54913	19.829	ng/ul	96
56) Dibenzofuran	14.674	168	559488	21.493	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	131636	22.930	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.910	232	111780	21.577	ng/ul#	99
59) Diethylphthalate	15.104	149	448307	21.964	ng/ul	99
61) Fluorene	15.327	166	445886	21.636	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.321	204	218911	21.560	ng/ul	100
63) 4-Nitroaniline	15.363	138	90154m	21.347	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.421	198	77903	21.841	ng/ul	99
67) N-Nitrosodiphenylamine	15.539	169	373557	21.754	ng/ul	99
68) 4-Bromophenyl-phenylether	16.215	248	130200	21.189	ng/ul	95
69) Hexachlorobenzene	16.333	284	156006	21.037	ng/ul	98
70) Atrazine	16.498	200	132272	21.164	ng/ul	100
71) Pentachlorophenol	16.680	266	95151	20.188	ng/ul	99
72) Phenanthrene	17.062	178	697712	21.592	ng/ul	100
74) Anthracene	17.157	178	713098	21.989	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	192536	20.715	ng/uL	99
76) Pentachlorobenzene	14.598	250	188622	20.829	ng/uL	99
77) Carbazole	17.433	167	638088	21.845	ng/ul	99
78) Di-n-butylphthalate	17.998	149	762550	22.204	ng/ul	99
80) Fluoranthene	19.086	202	809134	21.714	ng/ul	99
82) Pyrene	19.451	202	878374	21.740	ng/ul	99
83) Butylbenzylphthalate	20.356	149	340906	21.965	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.162	252	264805	22.775	ng/ul	98
85) Benzo(a)anthracene	21.227	228	869640	21.558	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.162	149	496091	21.911	ng/ul	100
87) Chrysene	21.292	228	834736	21.534	ng/ul	100
89) Di-n-octyl phthalate	22.250	149	852245	20.423	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	866234	21.258	ng/ul	100
91) Benzo(k)fluoranthene	23.286	252	904813	22.270	ng/ul	99
93) Benzo(a)pyrene	23.997	252	835269	21.802	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.374	276	1058845	21.267	ng/ul	98
95) Dibenzo(a,h)anthracene	27.421	278	858009	21.099	ng/ul	100
96) Benzo(g,h,i)perylene	28.385	276	826151	21.162	ng/ul	99

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

