

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100124\
 Data File : BM047763.D
 Acq On : 02 Oct 2024 04:53
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020154

Quant Time: Oct 02 07:02:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 28 02:30:36 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	242275	20.000	ng/u1	0.00
20) Naphthalene-d8	10.604	136	1019491	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.439	164	620758	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.180	188	1220235	20.000	ng/u1	0.00
79) Chrysene-d12	21.403	240	1139197	20.000	ng/u1	0.00
88) Perylene-d12	24.403	264	1252175	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	50518	6.738	ng/uL	0.00
4) Pyridine-d5	3.669	84	380013	17.312	ng/u1	0.00
7) Phenol-d5	6.975	99	416042	18.160	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	260846	16.045	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	338910	20.333	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	325315	19.099	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	161231	19.863	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	164260	21.117	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.222	165	327463	21.073	ng/u1	0.00
31) 4-Chloroaniline-d4	10.734	131	458310	19.078	ng/u1	0.00
46) Dimethylphthalate-d6	13.851	166	871899	19.373	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	1045543	19.594	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	168760	18.834	ng/u1	0.00
60) Fluorene-d10	15.433	176	757566	19.433	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	121781	17.055	ng/u1	0.00
73) Anthracene-d10	17.274	188	1145305	19.088	ng/u1	-0.01
81) Pyrene-d10	19.562	212	1261605	19.513	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.197	264	1261191	19.412	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	54545	6.661	ng/uL	86
5) Pyridine	3.693	79	389772	16.866	ng/u1	89
6) Benzaldehyde	6.946	77	263702	21.166	ng/u1	91
8) Phenol	6.999	94	431939	17.719	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.228	93	344757	17.749	ng/u1	93
12) 2-Chlorophenol	7.375	128	358214	20.286	ng/u1	92
13) 2-Methylphenol	8.251	108	316083	18.596	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.328	45	526814	14.408	ng/u1#	94
16) Acetophenone	8.628	105	536731	18.416	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.616	70	265018	17.168	ng/u1	90
18) 4-Methylphenol	8.575	108	353537	18.509	ng/u1	98
19) Hexachloroethane	8.893	117	151415	19.077	ng/u1	90
22) Nitrobenzene	9.004	77	391535	16.980	ng/u1	92
23) Isophorone	9.534	82	722610	17.519	ng/u1	96
25) 2-Nitrophenol	9.716	139	188315	21.161	ng/u1	89
26) 2,4-Dimethylphenol	9.775	107	353515	18.540	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.010	93	451623	17.901	ng/u1	97
29) 2,4-Dichlorophenol	10.251	162	330835	20.619	ng/u1	98
30) Naphthalene	10.651	128	1117492	19.056	ng/u1	100
32) 4-Chloroaniline	10.757	127	450110	19.028	ng/u1	99
33) Hexachlorobutadiene	10.945	225	205602	19.393	ng/u1	98
34) Caprolactam	11.528	113	97314m	18.964	ng/u1	
35) 4-Chloro-3-methylphenol	11.881	107	330666	19.908	ng/u1	96
36) 2-Methylnaphthalene	12.263	142	736007	19.753	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.481	142	743213	19.605	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.633	216	386270	19.115	ng/ul	96
40) Hexachlorocyclopentadiene	12.616	237	214353	17.538	ng/ul	100
41) 2,4,6-Trichlorophenol	12.875	196	240260	20.549	ng/ul	100
42) 2,4,5-Trichlorophenol	12.939	196	259454	20.293	ng/ul	97
43) 1,1'-Biphenyl	13.275	154	939664	18.906	ng/ul	98
44) 2-Chloronaphthalene	13.316	162	743149	19.333	ng/ul	97
45) 2-Nitroaniline	13.516	65	206137	16.893	ng/ul#	83
47) Dimethylphthalate	13.898	163	868679	19.059	ng/ul	99
48) 2,6-Dinitrotoluene	14.010	165	162037	20.243	ng/ul	89
50) Acenaphthylene	14.163	152	1153236	19.164	ng/ul	99
51) 3-Nitroaniline	14.339	138	190996	19.715	ng/ul	85
52) Acenaphthene	14.504	153	806363	18.956	ng/ul	97
53) 2,4-Dinitrophenol	14.545	184	74842	15.131	ng/ul#	78
55) 4-Nitrophenol	14.645	109	130255	17.313	ng/ul	88
56) Dibenzofuran	14.839	168	1103322	19.268	ng/ul	98
57) 2,4-Dinitrotoluene	14.798	165	247752	20.608	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.063	232	212010	21.037	ng/ul#	98
59) Diethylphthalate	15.263	149	875190	19.191	ng/ul	99
61) Fluorene	15.486	166	896425	18.764	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.480	204	426891	18.911	ng/ul	97
63) 4-Nitroaniline	15.498	138	198348	21.081	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.557	198	137798	17.416	ng/ul	91
67) N-Nitrosodiphenylamine	15.692	169	732190	19.256	ng/ul	99
68) 4-Bromophenyl-phenylether	16.374	248	249029	19.799	ng/ul	98
69) Hexachlorobenzene	16.492	284	289421	19.773	ng/ul	93
70) Atrazine	16.639	200	238463	18.840	ng/ul	96
71) Pentachlorophenol	16.833	266	184246	19.795	ng/ul	100
72) Phenanthrene	17.221	178	1341054	18.741	ng/ul	99
74) Anthracene	17.310	178	1387731	19.014	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.239	216	387718	19.191	ng/ul	98
76) Pentachlorobenzene	14.763	250	369562	18.740	ng/ul	99
77) Carbazole	17.574	167	1260619	19.056	ng/ul	99
78) Di-n-butylphthalate	18.145	149	1421439	19.300	ng/ul	99
80) Fluoranthene	19.227	202	1497089	19.660	ng/ul	100
82) Pyrene	19.592	202	1630335	19.236	ng/ul	96
83) Butylbenzylphthalate	20.486	149	599487	20.008	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.303	252	457850	19.020	ng/ul	99
85) Benzo(a)anthracene	21.386	228	1539357	19.299	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.309	149	868604	19.309	ng/ul	97
87) Chrysene	21.445	228	1465800	18.850	ng/ul	99
89) Di-n-octyl phthalate	22.445	149	1410167	17.460	ng/ul	100
90) Benzo(b)fluoranthene	23.456	252	1487041	19.043	ng/ul	98
91) Benzo(k)fluoranthene	23.515	252	1517134	19.000	ng/ul	99
93) Benzo(a)pyrene	24.262	252	1422914	19.186	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.785	276	1807686	19.020	ng/ul	98
95) Dibenzo(a,h)anthracene	27.844	278	1460208	18.748	ng/ul	98
96) Benzo(g,h,i)perylene	28.850	276	1407255	18.898	ng/ul	96

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

