

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047862.D
 Acq On : 05 Oct 2024 04:53
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020163

Quant Time: Oct 05 06:08:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 08:32:31 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/06/2024
 Supervised By :mohammad ahmed 10/06/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	206826	20.000	ng/ul	0.00
20) Naphthalene-d8	10.592	136	818827	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.433	164	480908	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.168	188	964125	20.000	ng/ul	0.00
79) Chrysene-d12	21.392	240	977422	20.000	ng/ul	0.00
88) Perylene-d12	24.391	264	1106642	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	42696	6.671	ng/uL	0.00
4) Pyridine-d5	3.663	84	298795	15.945	ng/ul	0.00
7) Phenol-d5	6.963	99	321766	16.452	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	209621	15.105	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	269041	18.908	ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113	249046	17.127	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	123373	18.924	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	121802	19.496	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	248743	19.930	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	341495	17.699	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	665593	19.090	ng/ul	0.00
49) Acenaphthylene-d8	14.127	160	786727	19.031	ng/ul	0.00
54) 4-Nitrophenol-d4	14.627	143	126096	18.165	ng/ul	0.00
60) Fluorene-d10	15.421	176	569219	18.848	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	92043	16.314	ng/ul	0.00
73) Anthracene-d10	17.268	188	892582	18.828	ng/ul	0.00
81) Pyrene-d10	19.557	212	999961	18.026	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.186	264	1047457	18.243	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	47960	6.861	ng/uL	90
5) Pyridine	3.681	79	315104	15.972	ng/ul	94
6) Benzaldehyde	6.940	77	162236	15.254	ng/ul	96
8) Phenol	6.993	94	336472	16.169	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.222	93	275939	16.641	ng/ul	92
12) 2-Chlorophenol	7.363	128	276088	18.315	ng/ul	94
13) 2-Methylphenol	8.240	108	241754	16.661	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.328	45	426202	13.654	ng/ul	95
16) Acetophenone	8.616	105	409584	16.462	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.604	70	203588	15.449	ng/ul	90
18) 4-Methylphenol	8.569	108	264961	16.249	ng/ul	99
19) Hexachloroethane	8.881	117	122232	18.040	ng/ul	92
22) Nitrobenzene	8.992	77	302200	16.317	ng/ul	91
23) Isophorone	9.522	82	554306	16.732	ng/ul	96
25) 2-Nitrophenol	9.704	139	137162	19.190	ng/ul	92
26) 2,4-Dimethylphenol	9.769	107	270667	17.673	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.004	93	355679	17.553	ng/ul	97
29) 2,4-Dichlorophenol	10.239	162	247197	19.181	ng/ul	98
30) Naphthalene	10.639	128	870425	18.481	ng/ul	99
32) 4-Chloroaniline	10.745	127	333786	17.569	ng/ul	98
33) Hexachlorobutadiene	10.934	225	161642	18.983	ng/ul	96
34) Caprolactam	11.522	113	71314m	17.303	ng/ul	
35) 4-Chloro-3-methylphenol	11.875	107	240207	18.006	ng/ul	95
36) 2-Methylnaphthalene	12.251	142	552631	18.466	ng/ul	97

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37) 1-Methylnaphthalene	12.475	142	573096	18.823	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.622	216	293615	18.755	ng/ul	96
40) Hexachlorocyclopentadiene	12.610	237	164305	17.353	ng/ul	100
41) 2,4,6-Trichlorophenol	12.863	196	178993	19.761	ng/ul	98
42) 2,4,5-Trichlorophenol	12.933	196	189972	19.180	ng/ul	97
43) 1,1'-Biphenyl	13.269	154	720179	18.704	ng/ul	97
44) 2-Chloronaphthalene	13.310	162	567530	19.058	ng/ul	96
45) 2-Nitroaniline	13.510	65	146601	15.508	ng/ul#	83
47) Dimethylphthalate	13.886	163	676347	19.154	ng/ul	98
48) 2,6-Dinitrotoluene	14.004	165	120540	19.438	ng/ul	88
50) Acenaphthylene	14.151	152	922511	19.788	ng/ul	99
51) 3-Nitroaniline	14.333	138	123876	16.505	ng/ul	92
52) Acenaphthene	14.498	153	608900	18.476	ng/ul	97
53) 2,4-Dinitrophenol	14.539	184	52161	13.612	ng/ul#	82
55) 4-Nitrophenol	14.639	109	97578	16.742	ng/ul	92
56) Dibenzofuran	14.833	168	828929	18.686	ng/ul	96
57) 2,4-Dinitrotoluene	14.792	165	183595	19.712	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.057	232	161499	20.685	ng/ul#	98
59) Diethylphthalate	15.251	149	679383	19.230	ng/ul	100
61) Fluorene	15.480	166	691651	18.688	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.474	204	327029	18.700	ng/ul	97
63) 4-Nitroaniline	15.492	138	126475	17.351	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.551	198	104528	16.720	ng/ul	90
67) N-Nitrosodiphenylamine	15.686	169	550567	18.326	ng/ul	99
68) 4-Bromophenyl-phenylether	16.363	248	193520	19.473	ng/ul	99
69) Hexachlorobenzene	16.480	284	227183	19.644	ng/ul	99
70) Atrazine	16.633	200	165250	16.524	ng/ul	96
71) Pentachlorophenol	16.821	266	129787	17.648	ng/ul	98
72) Phenanthrene	17.210	178	1058190	18.716	ng/ul	99
74) Anthracene	17.304	178	1093793	18.967	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.233	216	284487	17.822	ng/uL	99
76) Pentachlorobenzene	14.751	250	273523	17.554	ng/uL	99
77) Carbazole	17.568	167	963844	18.440	ng/ul	98
78) Di-n-butylphthalate	18.139	149	1130537	19.428	ng/ul	99
80) Fluoranthene	19.221	202	1184254	18.126	ng/ul	100
82) Pyrene	19.586	202	1283453	17.650	ng/ul	97
83) Butylbenzylphthalate	20.480	149	485220	18.874	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.298	252	356223	17.248	ng/ul	99
85) Benzo(a)anthracene	21.374	228	1298845	18.979	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.298	149	742182	19.229	ng/ul	100
87) Chrysene	21.439	228	1241263	18.605	ng/ul	99
89) Di-n-octyl phthalate	22.433	149	1240160	17.374	ng/ul	100
90) Benzo(b)fluoranthene	23.444	252	1309681	18.977	ng/ul	99
91) Benzo(k)fluoranthene	23.503	252	1326177	18.793	ng/ul	99
93) Benzo(a)pyrene	24.250	252	1251652	19.097	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.768	276	1505224	17.921	ng/ul	98
95) Dibenzo(a,h)anthracene	27.827	278	1251267	18.178	ng/ul	98
96) Benzo(g,h,i)perylene	28.821	276	1234507	18.759	ng/ul	99

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

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