

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
 Data File : BM047902.D
 Acq On : 08 Oct 2024 03:38
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020167

Quant Time: Oct 08 04:53:29 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 10/08/2024
 Supervised By :mohammad ahmed 10/11/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	300435	20.000	ng/u1	0.00
20) Naphthalene-d8	10.586	136	1231511	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.433	164	763048	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.168	188	1504264	20.000	ng/u1	0.00
79) Chrysene-d12	21.397	240	1367764	20.000	ng/u1	0.00
88) Perylene-d12	24.391	264	1515017	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	58967	6.343	ng/uL	0.00
4) Pyridine-d5	3.663	84	433864	15.939	ng/u1	0.00
7) Phenol-d5	6.963	99	488908	17.210	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	299049	14.834	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	413399	20.001	ng/u1	0.00
15) 4-Methylphenol-d8	8.504	113	391838	18.551	ng/u1	0.00
21) Nitrobenzene-d5	8.951	128	196955	20.086	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	211871	22.548	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	403309	21.486	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	542364	18.690	ng/u1	0.00
46) Dimethylphthalate-d6	13.839	166	1074276	19.419	ng/u1	0.00
49) Acenaphthylene-d8	14.121	160	1279538	19.507	ng/u1	0.00
54) 4-Nitrophenol-d4	14.627	143	205275	18.637	ng/u1	0.00
60) Fluorene-d10	15.421	176	931548	19.440	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	158444	17.999	ng/u1	0.00
73) Anthracene-d10	17.268	188	1408847	19.047	ng/u1	0.00
81) Pyrene-d10	19.556	212	1567532	20.193	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.186	264	1508482	19.190	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	65488m	6.449	ng/uL	
5) Pyridine	3.687	79	452577	15.793	ng/u1	88
6) Benzaldehyde	6.934	77	268229	17.361	ng/u1	92
8) Phenol	6.993	94	500516	16.558	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.216	93	409068	16.983	ng/u1	91
12) 2-Chlorophenol	7.363	128	416890	19.039	ng/u1	91
13) 2-Methylphenol	8.239	108	381347	18.092	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.322	45	601940	13.275	ng/u1#	95
16) Acetophenone	8.616	105	618867	17.123	ng/u1#	90
17) N-Nitroso-di-n-propyla...	8.604	70	312276	16.313	ng/u1#	89
18) 4-Methylphenol	8.569	108	412743	17.425	ng/u1	96
19) Hexachloroethane	8.875	117	178189	18.104	ng/u1	87
22) Nitrobenzene	8.992	77	463598	16.644	ng/u1	90
23) Isophorone	9.522	82	874295	17.547	ng/u1	95
25) 2-Nitrophenol	9.704	139	225527	20.980	ng/u1#	87
26) 2,4-Dimethylphenol	9.769	107	432161	18.762	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.998	93	535840	17.583	ng/u1	97
29) 2,4-Dichlorophenol	10.239	162	392953	20.274	ng/u1	97
30) Naphthalene	10.639	128	1328235	18.750	ng/u1	99
32) 4-Chloroaniline	10.745	127	518076	18.131	ng/u1	99
33) Hexachlorobutadiene	10.928	225	254737	19.891	ng/u1	98
34) Caprolactam	11.516	113	116391	18.776	ng/u1	78
35) 4-Chloro-3-methylphenol	11.875	107	395904	19.732	ng/u1	97
36) 2-Methylnaphthalene	12.251	142	869970	19.329	ng/u1	97

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37) 1-Methylnaphthalene	12.469	142	910424	19.881	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.622	216	470690	18.949	ng/ul#	94
40) Hexachlorocyclopentadiene	12.604	237	280256	18.654	ng/ul	100
41) 2,4,6-Trichlorophenol	12.863	196	305528	21.259	ng/ul	99
42) 2,4,5-Trichlorophenol	12.933	196	324909	20.674	ng/ul	98
43) 1,1'-Biphenyl	13.263	154	1135496	18.586	ng/ul#	97
44) 2-Chloronaphthalene	13.304	162	897780	19.001	ng/ul	97
45) 2-Nitroaniline	13.504	65	245444	16.363	ng/ul#	83
47) Dimethylphthalate	13.886	163	1086187	19.387	ng/ul	99
48) 2,6-Dinitrotoluene	14.004	165	209113	21.252	ng/ul#	85
50) Acenaphthylene	14.151	152	1481526	20.028	ng/ul	99
51) 3-Nitroaniline	14.333	138	231693	19.456	ng/ul	87
52) Acenaphthene	14.492	153	966200	18.478	ng/ul	98
53) 2,4-Dinitrophenol	14.539	184	123800	20.362	ng/ul#	76
55) 4-Nitrophenol	14.645	109	152521	16.493	ng/ul	85
56) Dibenzofuran	14.827	168	1324283	18.814	ng/ul	96
57) 2,4-Dinitrotoluene	14.792	165	308969	20.907	ng/ul#	77
58) 2,3,4,6-Tetrachlorophenol	15.057	232	274160	22.131	ng/ul#	97
59) Diethylphthalate	15.251	149	1077675	19.225	ng/ul	98
61) Fluorene	15.480	166	1083125	18.445	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.474	204	530798	19.129	ng/ul	97
63) 4-Nitroaniline	15.492	138	242534	20.970	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.557	198	172619	17.697	ng/ul#	84
67) N-Nitrosodiphenylamine	15.686	169	882692	18.831	ng/ul	99
68) 4-Bromophenyl-phenylether	16.363	248	322062	20.770	ng/ul	99
69) Hexachlorobenzene	16.480	284	375069	20.786	ng/ul	94
70) Atrazine	16.633	200	274104	17.567	ng/ul	98
71) Pentachlorophenol	16.821	266	234649	20.450	ng/ul	98
72) Phenanthrene	17.215	178	1660616	18.825	ng/ul	100
74) Anthracene	17.304	178	1692667	18.813	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.227	216	460611	18.494	ng/ul	98
76) Pentachlorobenzene	14.751	250	451693	18.580	ng/ul	95
77) Carbazole	17.568	167	1513546	18.559	ng/ul	99
78) Di-n-butylphthalate	18.133	149	1832062	20.178	ng/ul	99
80) Fluoranthene	19.221	202	1866704	20.418	ng/ul	98
82) Pyrene	19.586	202	1948434	19.148	ng/ul	95
83) Butylbenzylphthalate	20.480	149	809277	22.496	ng/ul	84
84) 3,3'-Dichlorobenzidine	21.297	252	559272	19.351	ng/ul	99
85) Benzo(a)anthracene	21.374	228	1891587	19.752	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.297	149	1196448	22.152	ng/ul	97
87) Chrysene	21.439	228	1762521	18.878	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	2048679	20.965	ng/ul	100
90) Benzo(b)fluoranthene	23.444	252	1828940	19.358	ng/ul	99
91) Benzo(k)fluoranthene	23.503	252	1834249	18.987	ng/ul	98
93) Benzo(a)pyrene	24.250	252	1740732	19.400	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.774	276	2115272	18.395	ng/ul	98
95) Dibenzo(a,h)anthracene	27.832	278	1782402	18.914	ng/ul	96
96) Benzo(g,h,i)perylene	28.826	276	1712877	19.012	ng/ul	97

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

