

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
 Data File : BM043757.D
 Acq On : 05 Jan 2024 13:12
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020183

Quant Time: Jan 06 01:13:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 22:31:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/08/2024
 Supervised By :mohammad ahmed 01/08/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	297350	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	1216373	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	672218	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	1319936	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	1229742	20.000	ng/u1	0.00
88) Perylene-d12	23.951	264	1399018	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	67702	7.400	ng/uL	-0.01
4) Pyridine-d5	3.787	84	461074	17.510	ng/u1	0.00
7) Phenol-d5	7.128	99	553747	16.370	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.293	67	350511	16.362	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	444468	17.209	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	423068	16.118	ng/u1	0.00
21) Nitrobenzene-d5	9.128	128	209336	17.788	ng/u1	0.00
24) 2-Nitrophenol-d4	9.852	143	234264	19.265	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.393	165	405867	18.908	ng/u1	0.01
31) 4-Chloroaniline-d4	10.916	131	550248	17.424	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	1084805	17.927	ng/u1	0.00
49) Acenaphthylene-d8	14.292	160	1315566	18.326	ng/u1	0.00
54) 4-Nitrophenol-d4	14.828	143	202745	17.702	ng/u1	0.04
60) Fluorene-d10	15.592	176	926494	18.515	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.728	200	151571	17.363	ng/u1	0.02
73) Anthracene-d10	17.445	188	1360397	18.377	ng/u1	0.00
81) Pyrene-d10	19.739	212	1569925	16.170	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.792	264	1566819	18.149	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	75222	7.442	ng/uL	98
5) Pyridine	3.805	79	484333	17.786	ng/u1	98
6) Benzaldehyde	7.099	77	258989	16.148	ng/u1	97
8) Phenol	7.158	94	546965	16.436	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.387	93	447185	16.552	ng/u1	97
12) 2-Chlorophenol	7.516	128	448846	17.060	ng/u1	97
13) 2-Methylphenol	8.410	108	410253	16.235	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.481	45	739706	16.305	ng/u1	99
16) Acetophenone	8.793	105	629888	15.674	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.769	70	355040	14.802	ng/u1	99
18) 4-Methylphenol	8.740	108	441860	16.134	ng/u1	98
19) Hexachloroethane	9.022	117	200552	18.078	ng/u1	89
22) Nitrobenzene	9.175	77	496694	17.054	ng/u1	100
23) Isophorone	9.699	82	958824	16.229	ng/u1	99
25) 2-Nitrophenol	9.881	139	241684	18.701	ng/u1	98
26) 2,4-Dimethylphenol	9.946	107	416196	18.079	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.187	93	579354	16.607	ng/u1	97
29) 2,4-Dichlorophenol	10.416	162	390897	18.765	ng/u1	98
30) Naphthalene	10.816	128	1423132	18.358	ng/u1	99
32) 4-Chloroaniline	10.940	127	530235	17.461	ng/u1	100
33) Hexachlorobutadiene	11.081	225	223021	20.998	ng/u1	98
34) Caprolactam	11.751	113	121839	18.302	ng/u1	96
35) 4-Chloro-3-methylphenol	12.069	107	418467	17.102	ng/u1	98
36) 2-Methylnaphthalene	12.422	142	920832	17.450	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.640	142	938557	17.634	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.787	216	402039	19.629	ng/ul	97
40) Hexachlorocyclopentadiene	12.751	237	178917	13.922	ng/ul	100
41) 2,4,6-Trichlorophenol	13.040	196	279952	19.229	ng/ul	98
42) 2,4,5-Trichlorophenol	13.116	196	294982	19.082	ng/ul	100
43) 1,1'-Biphenyl	13.434	154	1162731	18.145	ng/ul	99
44) 2-Chloronaphthalene	13.475	162	908049	18.483	ng/ul	99
45) 2-Nitroaniline	13.698	65	280332	17.016	ng/ul	96
47) Dimethylphthalate	14.063	163	1058157	17.706	ng/ul	100
48) 2,6-Dinitrotoluene	14.192	165	210965	18.259	ng/ul	98
50) Acenaphthylene	14.322	152	1504328	18.249	ng/ul	99
51) 3-Nitroaniline	14.528	138	240332	18.120	ng/ul	95
52) Acenaphthene	14.663	153	991052	18.241	ng/ul	99
53) 2,4-Dinitrophenol	14.739	184	83314	13.546	ng/ul	92
55) 4-Nitrophenol	14.845	109	153034	17.208	ng/ul	98
56) Dibenzofuran	14.998	168	1295869	18.468	ng/ul	97
57) 2,4-Dinitrotoluene	14.981	165	303606	18.599	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.228	232	232712	19.649	ng/ul	91
59) Diethylphthalate	15.422	149	1285566	20.991	ng/ul	99
61) Fluorene	15.645	166	1095790	18.280	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	486416	18.448	ng/ul	98
63) 4-Nitroaniline	15.686	138	253573m	20.887	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.739	198	160275	17.197	ng/ul	96
67) N-Nitrosodiphenylamine	15.863	169	869851	17.157	ng/ul	99
68) 4-Bromophenyl-phenylether	16.539	248	286713	18.335	ng/ul	95
69) Hexachlorobenzene	16.639	284	342396	19.112	ng/ul	98
70) Atrazine	16.822	200	173733	15.634	ng/ul	98
71) Pentachlorophenol	16.998	266	184959	17.077	ng/ul	98
72) Phenanthrene	17.392	178	1631160	18.233	ng/ul	100
74) Anthracene	17.480	178	1665740	18.450	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.393	216	404891	18.679	ng/ul	99
76) Pentachlorobenzene	14.910	250	390408	18.496	ng/ul	97
77) Carbazole	17.763	167	1534374	19.912	ng/ul	99
78) Di-n-butylphthalate	18.322	149	1998763	19.841	ng/ul	100
80) Fluoranthene	19.404	202	1835824	15.269	ng/ul	97
82) Pyrene	19.769	202	1926561	15.587	ng/ul	96
83) Butylbenzylphthalate	20.669	149	904662	16.929	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.451	252	542749	17.920	ng/ul	98
85) Benzo(a)anthracene	21.515	228	1844817	17.940	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.445	149	1380349	18.144	ng/ul	100
87) Chrysene	21.568	228	1696511	18.339	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	2336834	17.461	ng/ul	100
90) Benzo(b)fluoranthene	23.210	252	1902360	17.744	ng/ul	99
91) Benzo(k)fluoranthene	23.262	252	1799280	17.207	ng/ul	99
93) Benzo(a)pyrene	23.845	252	1752841	17.920	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.468	276	2250750	19.271	ng/ul	98
95) Dibenzo(a,h)anthracene	26.492	278	1860620	19.239	ng/ul	97
96) Benzo(g,h,i)perylene	27.245	276	1782140	19.466	ng/ul	96

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

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