

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043755.D
 Acq On : 04 Jan 2024 04:56
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020182

Quant Time: Jan 04 06:00:32 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 01/04/2024
 Supervised By :mohammad ahmed 01/05/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	283044	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	1233919	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	737677	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.351	188	1474674	20.000	ng/u1	# 0.01
79) Chrysene-d12	21.533	240	1271625	20.000	ng/u1	0.01
88) Perylene-d12	23.956	264	1418979	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	60612	6.960	ng/uL	0.00
4) Pyridine-d5	3.799	84	443317	17.687	ng/u1	0.01
7) Phenol-d5	7.134	99	589892	18.320	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.298	67	344416	16.890	ng/u1	0.00
11) 2-Chlorophenol-d4	7.493	132	465989	18.955	ng/u1	0.00
15) 4-Methylphenol-d8	8.681	113	454899	18.206	ng/u1	0.01
21) Nitrobenzene-d5	9.134	128	224085	18.770	ng/u1	0.00
24) 2-Nitrophenol-d4	9.857	143	249979	20.266	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	454173	20.857	ng/u1	0.02
31) 4-Chloroaniline-d4	10.922	131	591481	18.463	ng/u1	0.01
46) Dimethylphthalate-d6	14.016	166	1236926	18.627	ng/u1	0.00
49) Acenaphthylene-d8	14.292	160	1499342	19.033	ng/u1	0.00
54) 4-Nitrophenol-d4	14.833	143	217293	17.289	ng/u1	0.04
60) Fluorene-d10	15.592	176	1061290	19.327	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.727	200	141446	14.503	ng/u1	0.02
73) Anthracene-d10	17.445	188	1567545	18.954	ng/u1	0.00
81) Pyrene-d10	19.739	212	1679508	16.729	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.797	264	1627510	18.586	ng/u1	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.405	88	68853	7.156	ng/uL	98
5) Pyridine	3.816	79	472049	18.211	ng/u1	97
6) Benzaldehyde	7.110	77	262615	17.201	ng/u1	95
8) Phenol	7.163	94	577814	18.241	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.393	93	449986	17.498	ng/u1	96
12) 2-Chlorophenol	7.522	128	469463	18.746	ng/u1	96
13) 2-Methylphenol	8.416	108	442870	18.412	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.487	45	738782	17.107	ng/u1	99
16) Acetophenone	8.798	105	661971	17.305	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.775	70	362815	15.891	ng/u1	99
18) 4-Methylphenol	8.745	108	469306	18.003	ng/u1	95
19) Hexachloroethane	9.028	117	190446	18.035	ng/u1	86
22) Nitrobenzene	9.181	77	524881	17.765	ng/u1	99
23) Isophorone	9.704	82	1006417	16.792	ng/u1	99
25) 2-Nitrophenol	9.887	139	260128	19.842	ng/u1	95
26) 2,4-Dimethylphenol	9.951	107	450599	19.295	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.187	93	600030	16.956	ng/u1	100
29) 2,4-Dichlorophenol	10.422	162	433601	20.519	ng/u1	96
30) Naphthalene	10.816	128	1495297	19.014	ng/u1	100
32) 4-Chloroaniline	10.945	127	571038	18.537	ng/u1	99
33) Hexachlorobutadiene	11.081	225	240997	22.368	ng/u1	99
34) Caprolactam	11.745	113	132145	19.568	ng/u1	97
35) 4-Chloro-3-methylphenol	12.075	107	466016	18.775	ng/u1	96
36) 2-Methylnaphthalene	12.428	142	1007178	18.815	ng/u1	99

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37) 1-Methylnaphthalene	12.645	142	1017077	18.837	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.786	216	461222	20.520	ng/ul	95
40) Hexachlorocyclopentadiene	12.751	237	279316	19.806	ng/ul	97
41) 2,4,6-Trichlorophenol	13.039	196	325202	20.355	ng/ul	95
42) 2,4,5-Trichlorophenol	13.116	196	351285	20.708	ng/ul	98
43) 1,1'-Biphenyl	13.433	154	1266681	18.013	ng/ul	98
44) 2-Chloronaphthalene	13.480	162	1016667	18.858	ng/ul	98
45) 2-Nitroaniline	13.698	65	308598	17.070	ng/ul	94
47) Dimethylphthalate	14.063	163	1212364	18.487	ng/ul	99
48) 2,6-Dinitrotoluene	14.192	165	246711	19.458	ng/ul	96
50) Acenaphthylene	14.322	152	1705402	18.852	ng/ul	99
51) 3-Nitroaniline	14.527	138	266806	18.331	ng/ul	96
52) Acenaphthene	14.663	153	1112076	18.653	ng/ul	99
53) 2,4-Dinitrophenol	14.739	184	112953	16.735	ng/ul	93
55) 4-Nitrophenol	14.851	109	158617	16.253	ng/ul	92
56) Dibenzofuran	14.998	168	1485777	19.296	ng/ul	96
57) 2,4-Dinitrotoluene	14.980	165	352000	19.650	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.227	232	279569	21.510	ng/ul	90
59) Diethylphthalate	15.421	149	1256203	18.692	ng/ul	100
61) Fluorene	15.645	166	1256310	19.098	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.639	204	560950	19.386	ng/ul	97
63) 4-Nitroaniline	15.686	138	283090m	21.249	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.739	198	152784	14.673	ng/ul	96
67) N-Nitrosodiphenylamine	15.863	169	999392	17.644	ng/ul	99
68) 4-Bromophenyl-phenylether	16.539	248	341900	19.570	ng/ul	93
69) Hexachlorobenzene	16.639	284	411152	20.541	ng/ul	95
70) Atrazine	16.816	200	269146	21.678	ng/ul	99
71) Pentachlorophenol	16.998	266	270375	22.344	ng/ul	99
72) Phenanthrene	17.392	178	1872998	18.740	ng/ul	100
74) Anthracene	17.480	178	1893968	18.776	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.392	216	467060	19.286	ng/ul	100
76) Pentachlorobenzene	14.910	250	467267	19.815	ng/ul	98
77) Carbazole	17.763	167	1744360	20.262	ng/ul	99
78) Di-n-butylphthalate	18.321	149	2208345	19.622	ng/ul	99
80) Fluoranthene	19.404	202	2019800	16.246	ng/ul	95
82) Pyrene	19.768	202	2103779	16.460	ng/ul	96
83) Butylbenzylphthalate	20.668	149	985903	17.842	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.456	252	612923	19.571	ng/ul#	97
85) Benzo(a)anthracene	21.515	228	1982083	18.640	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.445	149	1480084	18.814	ng/ul	100
87) Chrysene	21.568	228	1821296	19.039	ng/ul	100
89) Di-n-octyl phthalate	22.386	149	2528351	18.626	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	1908528	17.551	ng/ul	99
91) Benzo(k)fluoranthene	23.268	252	1994672	18.808	ng/ul	98
93) Benzo(a)pyrene	23.850	252	1848294	18.630	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.485	276	2313697	19.531	ng/ul	98
95) Dibenzo(a,h)anthracene	26.509	278	1912529	19.497	ng/ul	97
96) Benzo(g,h,i)perylene	27.268	276	1805210	19.440	ng/ul	96

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

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