

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080524\
 Data File : BM047010.D
 Acq On : 06 Aug 2024 04:09
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020129

Quant Time: Aug 06 04:49:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 03 02:51:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/07/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.393	152	246721	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.151	136	990527	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.051	164	663936	20.000	ng/u1	-0.01
64) Phenanthrene-d10	16.815	188	1424043	20.000	ng/u1	0.00
79) Chrysene-d12	21.050	240	1276750	20.000	ng/u1	0.00
88) Perylene-d12	23.762	264	1493579	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	49011	7.870	ng/uL	0.00
4) Pyridine-d5	3.410	84	352799	20.769	ng/u1	0.00
7) Phenol-d5	6.598	99	403091	21.507	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.751	67	265882	21.560	ng/u1	0.00
11) 2-Chlorophenol-d4	6.940	132	329718	20.768	ng/u1	0.00
15) 4-Methylphenol-d8	8.116	113	323201	21.769	ng/u1	0.00
21) Nitrobenzene-d5	8.540	128	163037	20.512	ng/u1	0.00
24) 2-Nitrophenol-d4	9.251	143	179959	20.732	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	9.786	165	344724	20.685	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.304	131	455822	20.812	ng/u1	0.00
46) Dimethylphthalate-d6	13.480	166	1017983	20.053	ng/u1	0.00
49) Acenaphthylene-d8	13.739	160	1172667	20.694	ng/u1	0.00
54) 4-Nitrophenol-d4	14.292	143	196005	19.969	ng/u1	0.00
60) Fluorene-d10	15.057	176	870344	20.042	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.198	200	173161	19.247	ng/u1	0.00
73) Anthracene-d10	16.910	188	1366090	20.236	ng/u1	0.00
81) Pyrene-d10	19.221	212	1521890	20.823	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.574	264	1606471	20.426	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.052	88	51026	7.363	ng/uL	99
5) Pyridine	3.428	79	354017	21.051	ng/u1	94
6) Benzaldehyde	6.557	77	241217	22.407	ng/u1	97
8) Phenol	6.628	94	413609	21.914	ng/u1	94
10) Bis(2-Chloroethyl)ether	6.846	93	347682	21.611	ng/u1	95
12) 2-Chlorophenol	6.969	128	336322	20.910	ng/u1	98
13) 2-Methylphenol	7.851	108	313339	21.793	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	7.922	45	451649	23.428	ng/u1	98
16) Acetophenone	8.216	105	502445	21.501	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.204	70	266514	21.627	ng/u1	97
18) 4-Methylphenol	8.181	108	339468	21.852	ng/u1	98
19) Hexachloroethane	8.451	117	154575	19.729	ng/u1	92
22) Nitrobenzene	8.581	77	420695	19.811	ng/u1	96
23) Isophorone	9.110	82	752767	20.717	ng/u1	98
25) 2-Nitrophenol	9.287	139	199052	20.963	ng/u1	91
26) 2,4-Dimethylphenol	9.363	107	368177	19.671	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.592	93	463869	20.709	ng/u1	99
29) 2,4-Dichlorophenol	9.816	162	341308	20.534	ng/u1	98
30) Naphthalene	10.204	128	1054949	20.115	ng/u1	99
32) 4-Chloroaniline	10.328	127	446720	21.003	ng/u1	100
33) Hexachlorobutadiene	10.492	225	219890	18.337	ng/u1	99
34) Caprolactam	11.110	113	109063m	21.668	ng/u1	
35) 4-Chloro-3-methylphenol	11.469	107	355601	20.748	ng/u1	97
36) 2-Methylnaphthalene	11.828	142	762764	20.829	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.051	142	762583	20.571	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.210	216	405782	19.488	ng/ul	99
40) Hexachlorocyclopentadiene	12.186	237	229288	16.716	ng/ul	97
41) 2,4,6-Trichlorophenol	12.463	196	281103	20.625	ng/ul	99
42) 2,4,5-Trichlorophenol	12.539	196	305479	20.759	ng/ul	99
43) 1,1'-Biphenyl	12.875	154	992253	19.976	ng/ul	99
44) 2-Chloronaphthalene	12.910	162	799464	20.268	ng/ul	98
45) 2-Nitroaniline	13.133	65	249961	20.853	ng/ul	98
47) Dimethylphthalate	13.527	163	1024780	20.117	ng/ul	99
48) 2,6-Dinitrotoluene	13.645	165	208089	21.014	ng/ul	90
50) Acenaphthylene	13.769	152	1209914	20.217	ng/ul	99
51) 3-Nitroaniline	13.974	138	211422	20.964	ng/ul	96
52) Acenaphthene	14.116	153	867650	20.110	ng/ul	100
53) 2,4-Dinitrophenol	14.186	184	123019	17.606	ng/ul	91
55) 4-Nitrophenol	14.310	109	175512	17.667	ng/ul	87
56) Dibenzofuran	14.457	168	1207603	19.943	ng/ul	97
57) 2,4-Dinitrotoluene	14.439	165	313417	20.711	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.692	232	259175	19.812	ng/ul#	96
59) Diethylphthalate	14.916	149	1083712	19.776	ng/ul	99
61) Fluorene	15.116	166	988840	19.799	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.121	204	467253	19.004	ng/ul	93
63) 4-Nitroaniline	15.145	138	198946	19.962	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.210	198	191464	19.449	ng/ul	96
67) N-Nitrosodiphenylamine	15.339	169	861165	20.402	ng/ul	98
68) 4-Bromophenyl-phenylether	16.015	248	308377	20.007	ng/ul	94
69) Hexachlorobenzene	16.121	284	361746	19.931	ng/ul	98
70) Atrazine	16.310	200	325545	19.657	ng/ul	98
71) Pentachlorophenol	16.474	266	239014	19.451	ng/ul	98
72) Phenanthrene	16.857	178	1594506	19.975	ng/ul	100
74) Anthracene	16.945	178	1611847	20.022	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.833	216	414330	20.222	ng/uL	95
76) Pentachlorobenzene	14.374	250	417059	19.665	ng/uL	100
77) Carbazole	17.227	167	1518749	20.350	ng/ul	99
78) Di-n-butylphthalate	17.815	149	1923562	20.269	ng/ul	99
80) Fluoranthene	18.886	202	1853958	21.225	ng/ul	98
82) Pyrene	19.256	202	1928503	20.721	ng/ul	99
83) Butylbenzylphthalate	20.192	149	881701	21.675	ng/ul	98
84) 3,3'-Dichlorobenzidine	20.974	252	618110	19.748	ng/ul	99
85) Benzo(a)anthracene	21.033	228	1879763	20.159	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.992	149	1285827	21.652	ng/ul	98
87) Chrysene	21.086	228	1742939	19.598	ng/ul	99
89) Di-n-octyl phthalate	22.033	149	2214626	21.018	ng/ul	100
90) Benzo(b)fluoranthene	22.909	252	1913534	20.712	ng/ul	100
91) Benzo(k)fluoranthene	22.968	252	1864081	20.417	ng/ul	99
93) Benzo(a)pyrene	23.633	252	1769300	20.556	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.768	276	2176087	19.733	ng/ul	99
95) Dibenzo(a,h)anthracene	26.821	278	1755472	19.818	ng/ul	99
96) Benzo(g,h,i)perylene	27.697	276	1708688	19.611	ng/ul	98

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

