

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122221\
 Data File : VU046566.D
 Acq On : 22 Dec 2021 21:13
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005142

Quant Time: Dec 23 04:33:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 23 04:25:43 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Amit
 Patel

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	83872	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	82604	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	43481	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	26997	4.086	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.919	69	22180	4.264	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.571	65	12238	4.393	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	4.661	46	95142	49.649	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.300%
24) Chloroform-d	5.067	84	55736	4.604	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.706	65	31760	4.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.732	84	102070	4.433	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.694	67	32103	4.640	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.899	98	93141	4.457	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	8.179	79	13840	4.325	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.639	63	91040	48.454	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.900%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33039	4.652	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	36300	4.532	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	65022	5.066	ug/L	98
3) Chloromethane	1.523	50	52986	4.794	ug/L	99
5) Vinyl chloride	1.607	62	51594	4.741	ug/L	99
6) Bromomethane	1.864	94	29590	4.518	ug/L	100
8) Chloroethane	1.941	64	30024	4.700	ug/L	98
9) Trichlorofluoromethane	2.144	101	72446	5.090	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	36789	5.077	ug/L	95
12) 1,1-Dichloroethene	2.588	96	37155	5.036	ug/L	# 74
13) Acetone	2.697	43	72124m	40.144	ug/L	
14) Carbon disulfide	2.800	76	116980	4.854	ug/L	100
15) Methyl Acetate	2.970	43	16094	4.435	ug/L	94
16) Methylene chloride	3.054	84	41315	4.602	ug/L	93
17) Methyl tert-butyl Ether	3.369	73	99973	4.645	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	38558	4.899	ug/L	97
19) 1,1-Dichloroethane	3.877	63	69946	4.824	ug/L	99
21) 2-Butanone	4.735	43	124253	45.584	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	41527	4.827	ug/L	98
23) Bromochloromethane	4.980	128	20490	4.785	ug/L	91
25) Chloroform	5.092	83	73872	4.716	ug/L	99

12/24/2021
 Supervised By :Mahesh
 adoda

01/02/2022

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122221\
 Data File : VU046566.D
 Acq On : 22 Dec 2021 21:13
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005142

Quant Time: Dec 23 04:33:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 23 04:25:43 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Amit
 Patel

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	53040	4.743	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	67147	4.916	ug/L	98
30) Cyclohexane	5.395	56	57747	5.111	ug/L	94
31) Carbon tetrachloride	5.530	117	59209	5.166	ug/L	97
33) Benzene	5.777	78	157203	4.790	ug/L	100
34) Trichloroethene	6.546	95	41620	4.810	ug/L	98
35) Methylcyclohexane	6.767	83	62315	5.108	ug/L	96
37) 1,2-Dichloropropane	6.793	63	41489	4.956	ug/L	100
38) Bromodichloromethane	7.108	83	55109	4.756	ug/L #	98
39) cis-1,3-Dichloropropene	7.610	75	58351	4.604	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	292024	46.468	ug/L	96
42) Toluene	7.970	91	170551	5.063	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	54365	4.629	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	33720	4.670	ug/L	96
47) Tetrachloroethene	8.555	164	32182	5.257	ug/L	92
48) 2-Hexanone	8.690	43	217678	46.381	ug/L	97
49) Dibromochloromethane	8.812	129	40100	4.815	ug/L	96
50) 1,2-Dibromoethane	8.925	107	32932	4.725	ug/L #	97
51) Chlorobenzene	9.449	112	104586	4.857	ug/L	99
52) Ethylbenzene	9.571	91	179519	5.148	ug/L	99
53) m,p-Xylene	9.697	106	70722	5.294	ug/L	98
54) o-Xylene	10.102	106	67924	5.292	ug/L	96
55) Styrene	10.115	104	117683	5.286	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	42582	4.513	ug/L	97
59) Bromoform	10.291	173	23552	4.688	ug/L	99
60) Isopropylbenzene	10.484	105	180169	5.373	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	33100	4.584	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	147783	5.299	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	152116	5.416	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	84380	5.177	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	84227	5.047	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	80919	4.949	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	7799	4.666	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	62994	5.106	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	53571	5.127	ug/L	99
71) Naphthalene	14.086	128	113854	4.906	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	53599	5.181	ug/L	99

12/24/2021
 Supervised By :Mahesh
 Dadoda

01/02/2022

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

