

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
 Data File : VU046528.D
 Acq On : 21 Dec 2021 16:10
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005139

Quant Time: Dec 22 05:46:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 21 14:35:13 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 12/24/2021
 Supervised By :Mahesh Dadoda 12/28/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	108706	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	104526	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	55208	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	36355	4.246	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.919	69	29255	4.339	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.575	65	15854	4.391	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	4.661	46	111576	44.924	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.840%
24) Chloroform-d	5.070	84	69964	4.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.706	65	40038	4.464	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	5.732	84	131270	4.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.693	67	40314	4.604	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.902	98	122133	4.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.182	79	18369	4.536	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.639	63	118531	49.855	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.720%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	41118	4.576	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	47208	4.642	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	90416	5.436	ug/L	100
3) Chloromethane	1.523	50	66776	4.661	ug/L	98
5) Vinyl chloride	1.610	62	68499	4.857	ug/L	99
6) Bromomethane	1.864	94	41085	4.840	ug/L	97
8) Chloroethane	1.941	64	37937	4.582	ug/L	98
9) Trichlorofluoromethane	2.147	101	94298	5.112	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	51424	5.476	ug/L	96
12) 1,1-Dichloroethene	2.587	96	47445	4.962	ug/L #	78
13) Acetone	2.694	43	112088m	48.136	ug/L	
14) Carbon disulfide	2.800	76	154407	4.944	ug/L	100
15) Methyl Acetate	2.973	43	20187	4.292	ug/L #	88
16) Methylene chloride	3.054	84	51739	4.447	ug/L	94
17) Methyl tert-butyl Ether	3.369	73	135077	4.842	ug/L	98
18) trans-1,2-Dichloroethene	3.362	96	51056	5.005	ug/L	93
19) 1,1-Dichloroethane	3.877	63	86427	4.599	ug/L	98
21) 2-Butanone	4.735	43	174843	49.490	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	54094	4.851	ug/L	97
23) Bromochloromethane	4.980	128	25741	4.638	ug/L	90
25) Chloroform	5.095	83	93792	4.620	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	66374	4.580	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	88035	5.093	ug/L	97
30) Cyclohexane	5.394	56	79339	5.549	ug/L	94
31) Carbon tetrachloride	5.529	117	76410	5.269	ug/L	99
33) Benzene	5.780	78	200900	4.837	ug/L	100
34) Trichloroethene	6.546	95	53577	4.894	ug/L	97
35) Methylcyclohexane	6.767	83	88769	5.751	ug/L	96
37) 1,2-Dichloropropane	6.796	63	50558	4.772	ug/L	100
38) Bromodichloromethane	7.111	83	70095	4.780	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	80088	4.994	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	389570	48.989	ug/L	96
42) Toluene	7.973	91	220310	5.168	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	73955	4.977	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	43425	4.753	ug/L	96
47) Tetrachloroethene	8.555	164	41262	5.326	ug/L	93
48) 2-Hexanone	8.690	43	297637	50.117	ug/L	96
49) Dibromochloromethane	8.812	129	51541	4.891	ug/L	98
50) 1,2-Dibromoethane	8.928	107	43748	4.961	ug/L #	98
51) Chlorobenzene	9.449	112	137653	5.052	ug/L	98
52) Ethylbenzene	9.574	91	239469	5.427	ug/L	100
53) m,p-Xylene	9.697	106	93137	5.510	ug/L	92
54) o-Xylene	10.105	106	89941	5.537	ug/L	95
55) Styrene	10.118	104	156156	5.543	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.787	83	57584	4.823	ug/L	96
59) Bromoform	10.295	173	30693	4.812	ug/L	97
60) Isopropylbenzene	10.487	105	240589	5.651	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	43363	4.729	ug/L	97
62) 1,3,5-Trimethylbenzene	11.092	105	203277	5.741	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	209783	5.883	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	110329	5.331	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	110741	5.227	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	106950	5.152	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	10406	4.903	ug/L	91
69) 1,3,5-Trichlorobenzene	13.220	180	86704	5.535	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	73530	5.542	ug/L	100
71) Naphthalene	14.089	128	168130	5.706	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	72130	5.492	ug/L	99

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

