

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
 Data File : VU047322.D
 Acq On : 03 Mar 2022 17:57
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005082

Quant Time: Mar 04 01:56:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 01:50:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	131609	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	136530	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	85084	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	44963	4.045	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.919	69	36754	4.172	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.572	65	19189	4.174	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	4.649	46	146125	55.001	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.000%
24) Chloroform-d	5.067	84	86674	4.694	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.707	65	45995	4.480	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.732	84	168702	4.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.694	67	53704	4.424	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.899	98	159185	4.266	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	8.179	79	23098	4.198	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.636	63	125904	43.456	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.920%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	52350	4.745	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	69865	4.576	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	56739	5.098	ug/L	100
3) Chloromethane	1.527	50	61063	5.059	ug/L	97
5) Vinyl chloride	1.607	62	60405	4.954	ug/L	99
6) Bromomethane	1.864	94	30092	4.198	ug/L	98
8) Chloroethane	1.938	64	35786	5.089	ug/L	99
9) Trichlorofluoromethane	2.144	101	82061	5.522	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	49949	5.571	ug/L	90
12) 1,1-Dichloroethene	2.584	96	47505	5.485	ug/L	81
13) Acetone	2.671	43	93251	70.112	ug/L	94
14) Carbon disulfide	2.800	76	133218	4.611	ug/L	100
15) Methyl Acetate	2.967	43	21699	5.271	ug/L	92
16) Methylene chloride	3.051	84	64486	6.684	ug/L	92
17) Methyl tert-butyl Ether	3.369	73	128247	5.419	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	50692	5.416	ug/L	90
19) 1,1-Dichloroethane	3.877	63	89478	5.469	ug/L	100
21) 2-Butanone	4.729	43	162824	65.187	ug/L	94
22) cis-1,2-Dichloroethene	4.674	96	57928	5.687	ug/L	94
23) Bromochloromethane	4.980	128	28752	6.021	ug/L	# 84
25) Chloroform	5.092	83	96570	5.637	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	62908	5.493	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	82538	5.583	ug/L	98
30) Cyclohexane	5.391	56	76713	4.754	ug/L	96
31) Carbon tetrachloride	5.530	117	71073	5.521	ug/L	99
33) Benzene	5.777	78	210965	5.438	ug/L	100
34) Trichloroethene	6.543	95	57612	5.568	ug/L	95
35) Methylcyclohexane	6.764	83	87311	5.000	ug/L	93
37) 1,2-Dichloropropane	6.793	63	53859	5.371	ug/L	99
38) Bromodichloromethane	7.108	83	69931	5.459	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	81731	5.241	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	376565	52.627	ug/L	97
42) Toluene	7.970	91	232551	5.385	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	72289	5.146	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	45545	5.849	ug/L	98
47) Tetrachloroethene	8.555	164	47435	5.649	ug/L	92
48) 2-Hexanone	8.687	43	277882	52.233	ug/L	98
49) Dibromochloromethane	8.813	129	53746	5.730	ug/L	96
50) 1,2-Dibromoethane	8.925	107	45475	5.790	ug/L #	99
51) Chlorobenzene	9.446	112	155451	5.576	ug/L	96
52) Ethylbenzene	9.571	91	250738	5.298	ug/L	98
53) m,p-Xylene	9.694	106	98684	5.311	ug/L	99
54) o-Xylene	10.102	106	97435	5.385	ug/L	100
55) Styrene	10.115	104	165803	5.477	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.783	83	60911	5.910	ug/L	96
59) Bromoform	10.292	173	34386	5.549	ug/L #	96
60) Isopropylbenzene	10.484	105	255689	5.122	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	43294	5.329	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	167724	5.032	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	220518	5.139	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	132237	5.493	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	134972	5.541	ug/L	96
67) 1,2-Dichlorobenzene	12.211	146	128473	5.602	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	9911	5.281	ug/L #	73
69) 1,3,5-Trichlorobenzene	13.221	180	111971	5.629	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	100429	5.423	ug/L	98
71) Naphthalene	14.086	128	187616	4.909	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	93811	5.386	ug/L	96

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

