

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031622\
 Data File : VU047599.D
 Acq On : 16 Mar 2022 18:50
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005105

Quant Time: Mar 17 00:53:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 17 00:50:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	133927	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	134190	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	73172	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	30844	3.522	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.919	69	35192	4.427	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.571	65	13402	3.263	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	4.639	46	112056	44.464	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.920%
24) Chloroform-d	5.067	84	91904	4.779	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.706	65	50889	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.732	84	158081	4.047	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.693	67	55427	4.512	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.899	98	137238	3.747	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.000%
43) trans-1,3-Dichloroprop...	8.182	79	22405	4.338	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.636	63	147778	55.200	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.400%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	61466	5.010	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	66747	4.365	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	38526	4.675	ug/L	99
3) Chloromethane	1.523	50	39135	4.843	ug/L	100
5) Vinyl chloride	1.607	62	41843	5.021	ug/L	98
6) Bromomethane	1.861	94	18819	4.799	ug/L	99
8) Chloroethane	1.938	64	26490	5.259	ug/L	100
9) Trichlorofluoromethane	2.144	101	59492	5.445	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	33629	4.876	ug/L	100
12) 1,1-Dichloroethene	2.584	96	34187	5.124	ug/L	81
13) Acetone	2.652	43	35764	36.396	ug/L	97
14) Carbon disulfide	2.800	76	92468	4.607	ug/L	99
15) Methyl Acetate	2.961	43	13306	4.905	ug/L	93
16) Methylene chloride	3.051	84	41168	4.183	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	85902	5.018	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	35445	4.942	ug/L	99
19) 1,1-Dichloroethane	3.877	63	65624	5.201	ug/L	96
21) 2-Butanone	4.719	43	65712	35.149	ug/L	95
22) cis-1,2-Dichloroethene	4.671	96	41086	5.163	ug/L	94
23) Bromochloromethane	4.980	128	20910	5.178	ug/L	96
25) Chloroform	5.092	83	72577	5.232	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	44361	5.000	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	61051	5.116	ug/L	99
30) Cyclohexane	5.391	56	45582	4.423	ug/L	99
31) Carbon tetrachloride	5.530	117	53653	5.111	ug/L	99
33) Benzene	5.777	78	152991	5.046	ug/L	100
34) Trichloroethene	6.546	95	39826	4.957	ug/L	96
35) Methylcyclohexane	6.767	83	49479	4.279	ug/L	99
37) 1,2-Dichloropropane	6.793	63	39105	5.033	ug/L	100
38) Bromodichloromethane	7.108	83	54582	5.102	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	56940	4.716	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	258477	47.724	ug/L	99
42) Toluene	7.970	91	164756	5.012	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	51864	4.815	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	34258	5.143	ug/L	98
47) Tetrachloroethene	8.555	164	32271	4.709	ug/L	95
48) 2-Hexanone	8.687	43	193668	46.984	ug/L	97
49) Dibromochloromethane	8.812	129	42754	5.210	ug/L	98
50) 1,2-Dibromoethane	8.925	107	33318	5.058	ug/L	99
51) Chlorobenzene	9.449	112	111405	4.962	ug/L	99
52) Ethylbenzene	9.571	91	167999	4.826	ug/L	100
53) m,p-Xylene	9.693	106	65073	4.835	ug/L	100
54) o-Xylene	10.102	106	65033	4.891	ug/L	96
55) Styrene	10.115	104	113869	4.986	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	44914	5.029	ug/L	94
59) Bromoform	10.291	173	28205	5.464	ug/L	98
60) Isopropylbenzene	10.484	105	166047	5.023	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	30493	4.968	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	100870	4.779	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	132086	4.821	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	92526	5.019	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	91435	4.855	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	91857	5.039	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	7116	4.833	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	72121	4.628	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	60958	4.446	ug/L	99
71) Naphthalene	14.085	128	102247	4.018	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	59452	4.519	ug/L	100

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

