

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121422\
 Data File : VU052393.D
 Acq On : 14 Dec 2022 11:20
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005107

Quant Time: Dec 14 21:34:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 14 03:17:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	271262	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	268395	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	139975	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	83352	3.159	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.916	69	75207	3.670	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.400%
11) 1,1-Dichloroethene-d2	2.568	65	35062	3.707	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.200%
20) 2-Butanone-d5	4.639	46	270806	56.621	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.240%
24) Chloroform-d	5.063	84	175526	4.527	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.700	65	88609	4.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.726	84	347283	4.358	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.687	67	113158	4.589	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.896	98	323803	4.491	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.179	79	39150	4.357	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.632	63	203885	53.538	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.080%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	107264	5.017	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	117149	4.371	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	100317	4.264	ug/L	97
3) Chloromethane	1.520	50	109874	3.578	ug/L	100
5) Vinyl chloride	1.607	62	122523	4.153	ug/L	100
6) Bromomethane	1.861	94	74139	4.897	ug/L	99
8) Chloroethane	1.938	64	74847	4.080	ug/L	96
9) Trichlorofluoromethane	2.141	101	145702	4.490	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	90340	4.553	ug/L	99
12) 1,1-Dichloroethene	2.581	96	88522	4.499	ug/L	89
13) Acetone	2.662	43	178535	54.972	ug/L	97
14) Carbon disulfide	2.793	76	279146	4.098	ug/L	99
15) Methyl Acetate	2.961	43	40514	4.809	ug/L	99
16) Methylene chloride	3.047	84	111651	4.194	ug/L	97
17) Methyl tert-butyl Ether	3.362	73	195186	4.431	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	92055	4.364	ug/L	97
19) 1,1-Dichloroethane	3.867	63	169758	4.465	ug/L	99
21) 2-Butanone	4.719	43	271200	52.099	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	99573	4.498	ug/L	99
23) Bromochloromethane	4.973	128	48877	4.615	ug/L	94
25) Chloroform	5.086	83	172811	4.486	ug/L	97

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 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005107

Quant Time: Dec 14 21:34:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	106629	4.519	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	136588	4.587	ug/L	99
30) Cyclohexane	5.388	56	130397	4.510	ug/L	100
31) Carbon tetrachloride	5.523	117	114094	4.509	ug/L	99
33) Benzene	5.774	78	399058	4.569	ug/L	100
34) Trichloroethene	6.539	95	97455	4.473	ug/L	98
35) Methylcyclohexane	6.761	83	146786	4.684	ug/L	99
37) 1,2-Dichloropropane	6.787	63	103741	4.587	ug/L	99
38) Bromodichloromethane	7.102	83	126330	4.582	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	126238	4.348	ug/L	96
40) 4-Methyl-2-pentanone	7.790	43	591570	50.076	ug/L	99
42) Toluene	7.967	91	422277	4.700	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	112828	4.538	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	80012	4.708	ug/L	97
47) Tetrachloroethene	8.549	164	76839	4.602	ug/L	97
48) 2-Hexanone	8.684	43	467473	53.977	ug/L	98
49) Dibromochloromethane	8.806	129	87210	4.582	ug/L	98
50) 1,2-Dibromoethane	8.922	107	74111	4.787	ug/L	100
51) Chlorobenzene	9.443	112	259930	4.538	ug/L	100
52) Ethylbenzene	9.568	91	400703	4.587	ug/L	100
53) m,p-Xylene	9.693	106	159764	4.723	ug/L	97
54) o-Xylene	10.099	106	154849	4.777	ug/L	96
55) Styrene	10.111	104	263507	4.813	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	102629	4.835	ug/L	97
59) Bromoform	10.288	173	52310	4.537	ug/L	99
60) Isopropylbenzene	10.481	105	397118	4.517	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	71491	4.463	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	300214	4.271	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	305044	4.372	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	203244	4.527	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	203568	4.547	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	194544	4.500	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	14635	4.175	ug/L	98
69) 1,3,5-Trichlorobenzene	13.214	180	146306	4.596	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	114155	4.709	ug/L	99
71) Naphthalene	14.082	128	201398	4.425	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	114124	4.785	ug/L	98

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

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Operator  : JC/MD  
Sample    : VSTDCCC005  
Misc      : 25.0mL/MSVOA_U/WATER  
ALS Vial  : 2    Sample Multiplier: 1
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Instrument :
MSVOA_U
ClientSampleId :
VSTD005107

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