

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110322\
 Data File : VU051724.D
 Acq On : 03 Nov 2022 10:06
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005198

Quant Time: Nov 04 00:46:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 03 03:06:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	183203	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	190951	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	108308	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	69834	5.061	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.200%
7) Chloroethane-d5	1.912	69	64112	4.455	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.565	65	28898	5.771	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	115.400%
20) 2-Butanone-d5	4.620	46	185395	37.101	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.200%
24) Chloroform-d	5.063	84	149942	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.700	65	71718	4.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
32) Benzene-d6	5.726	84	278528	4.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.690	67	90471	4.294	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.896	98	256012	5.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
43) trans-1,3-Dichloroprop...	8.179	79	31635	4.910	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.632	63	152248	39.255	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.520%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	83699	4.335	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	93762	4.717	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	116716	5.825	ug/L	99
3) Chloromethane	1.523	50	113546	4.496	ug/L	100
5) Vinyl chloride	1.604	62	130072	5.376	ug/L	85
6) Bromomethane	1.854	94	41660	3.632	ug/L	94
8) Chloroethane	1.932	64	75800	5.160	ug/L	100
9) Trichlorofluoromethane	2.137	101	156731	5.901	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	96243	6.164	ug/L	98
12) 1,1-Dichloroethene	2.578	96	88099	5.532	ug/L	94
13) Acetone	2.626	43	137502	54.232	ug/L	97
14) Carbon disulfide	2.793	76	271833	5.295	ug/L	100
15) Methyl Acetate	2.951	43	35451	5.341	ug/L	95
16) Methylene chloride	3.044	84	116941	4.483	ug/L	99
17) Methyl tert-butyl Ether	3.362	73	191486	5.243	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	93573	5.474	ug/L	96
19) 1,1-Dichloroethane	3.867	63	175701	5.573	ug/L	99
21) 2-Butanone	4.700	43	224598	56.566	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	101193	5.350	ug/L	97
23) Bromochloromethane	4.973	128	48231	5.454	ug/L	98
25) Chloroform	5.086	83	182291	5.574	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	108590	5.395	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	143399	5.531	ug/L	99
30) Cyclohexane	5.388	56	128792	5.395	ug/L	99
31) Carbon tetrachloride	5.523	117	125203	5.647	ug/L	99
33) Benzene	5.774	78	405207	5.377	ug/L	100
34) Trichloroethene	6.542	95	97253	5.348	ug/L	98
35) Methylcyclohexane	6.764	83	140261	5.578	ug/L	98
37) 1,2-Dichloropropane	6.790	63	105892	5.463	ug/L	100
38) Bromodichloromethane	7.105	83	129574	5.473	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	131772	5.299	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	534682	55.001	ug/L	100
42) Toluene	7.970	91	430446	5.562	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	115423	5.555	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	78714	5.542	ug/L	97
47) Tetrachloroethene	8.552	164	78224	5.617	ug/L	95
48) 2-Hexanone	8.684	43	400453	55.651	ug/L	99
49) Dibromochloromethane	8.809	129	89985	5.546	ug/L	97
50) 1,2-Dibromoethane	8.922	107	69451	5.420	ug/L	95
51) Chlorobenzene	9.446	112	265541	5.452	ug/L	99
52) Ethylbenzene	9.571	91	405169	5.426	ug/L	100
53) m,p-Xylene	9.693	106	164578	5.674	ug/L	98
54) o-Xylene	10.098	106	155832	5.498	ug/L	97
55) Styrene	10.114	104	276944	5.844	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	99442	5.647	ug/L	99
59) Bromoform	10.288	173	50041	5.000	ug/L	99
60) Isopropylbenzene	10.484	105	406737	5.144	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	67636	4.829	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	101187	4.754	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	295400	4.813	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	208515	5.297	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	206494	5.232	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	197065	5.140	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.992	75	14508	5.031	ug/L	91
69) 1,3,5-Trichlorobenzene	13.217	180	149045	5.312	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	116650	5.416	ug/L	96
71) Naphthalene	14.085	128	183356	4.560	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	113354	5.212	ug/L	99

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

