

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
 Data File : VU045983.D
 Acq On : 24 Nov 2021 02:34
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005134

Quant Time: Nov 24 02:52:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 01:57:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	101550	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	102978	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	54359	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	34500	4.288	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.800%
7) Chloroethane-d5	1.919	69	27521	4.699	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.571	65	14870	4.407	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.658	46	114362	53.040	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.080%
24) Chloroform-d	5.066	84	61991	4.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.703	65	36055	4.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.732	84	125808	4.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.693	67	39219	4.388	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.899	98	114362	4.458	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	8.182	79	16706	4.604	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.635	63	97756	59.861	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.720%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39311	5.206	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	44138	4.729	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	36445	4.408	ug/L	100
3) Chloromethane	1.520	50	32517	3.711	ug/L	98
5) Vinyl chloride	1.607	62	36593	4.161	ug/L	99
6) Bromomethane	1.861	94	15490	2.970	ug/L	97
8) Chloroethane	1.938	64	22559	4.499	ug/L	99
9) Trichlorofluoromethane	2.144	101	52781	4.649	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	30501	4.582	ug/L	97
12) 1,1-Dichloroethene	2.584	96	28737	4.572	ug/L	87
13) Acetone	2.681	43	65745	51.806	ug/L	59
14) Carbon disulfide	2.800	76	78208	3.934	ug/L	99
15) Methyl Acetate	2.973	43	17168	5.514	ug/L	97
16) Methylene chloride	3.051	84	35964	3.875	ug/L	97
17) Methyl tert-butyl Ether	3.369	73	90891	5.554	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	30674	4.552	ug/L	95
19) 1,1-Dichloroethane	3.874	63	58807	4.658	ug/L	99
21) 2-Butanone	4.735	43	118969	55.717	ug/L	100
22) cis-1,2-Dichloroethene	4.671	96	36241	4.960	ug/L	97
23) Bromochloromethane	4.980	128	16922	5.314	ug/L	94
25) Chloroform	5.092	83	62747	4.582	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	42876	4.907	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	53276	4.762	ug/L	99
30) Cyclohexane	5.391	56	49034	4.419	ug/L	98
31) Carbon tetrachloride	5.529	117	45197	4.804	ug/L	100
33) Benzene	5.777	78	132187	4.600	ug/L	100
34) Trichloroethene	6.546	95	34965	4.721	ug/L	97
35) Methylcyclohexane	6.767	83	51007	4.485	ug/L	97
37) 1,2-Dichloropropane	6.793	63	35209	4.656	ug/L	99
38) Bromodichloromethane	7.108	83	45629	4.890	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	52011	4.840	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	286110	57.681	ug/L	97
42) Toluene	7.970	91	146372	4.934	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	47104	5.038	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	30740	5.475	ug/L	96
47) Tetrachloroethene	8.555	164	25674	4.952	ug/L	97
48) 2-Hexanone	8.687	43	211712	59.081	ug/L	96
49) Dibromochloromethane	8.812	129	33195	5.191	ug/L	96
50) 1,2-Dibromoethane	8.925	107	29080	5.498	ug/L #	100
51) Chlorobenzene	9.449	112	92438	4.968	ug/L	96
52) Ethylbenzene	9.571	91	156900	5.053	ug/L	100
53) m,p-Xylene	9.697	106	62082	5.220	ug/L	99
54) o-Xylene	10.102	106	60136	5.240	ug/L	91
55) Styrene	10.115	104	102186	5.289	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	40407	5.619	ug/L	94
59) Bromoform	10.291	173	19381	5.383	ug/L	99
60) Isopropylbenzene	10.484	105	161385	5.057	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	29823	5.285	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	135573	5.195	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	136560	5.223	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	74698	5.017	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	74817	4.947	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	74357	5.209	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	6304	5.370	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	55559	4.989	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	48958	5.195	ug/L	99
71) Naphthalene	14.085	128	131826	6.809	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	49486	5.277	ug/L	98

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

