

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020222\
 Data File : VU046994.D
 Acq On : 02 Feb 2022 11:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005184

Quant Time: Feb 03 02:52:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 02 03:49:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	107550	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	123583	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	66861	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	48944	5.371	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.400%
7) Chloroethane-d5	1.922	69	37836	5.269	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.400%
11) 1,1-Dichloroethene-d2	2.575	65	19772	5.454	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.000%
20) 2-Butanone-d5	4.646	46	118843	44.019	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.040%
24) Chloroform-d	5.070	84	81699	5.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.707	65	42151	4.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.732	84	157218	4.328	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.694	67	48544	4.451	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.903	98	142711	4.293	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.182	79	19694	4.112	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.639	63	105256	37.117	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.240%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46973	4.290	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	49989	3.987	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.800%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	47208	4.666	ug/L	100
3) Chloromethane	1.527	50	48647	5.839	ug/L	96
5) Vinyl chloride	1.610	62	48977	5.647	ug/L	100
6) Bromomethane	1.864	94	28928	5.330	ug/L	98
8) Chloroethane	1.941	64	29822	5.973	ug/L	100
9) Trichlorofluoromethane	2.147	101	61529	5.822	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	36611	5.826	ug/L	98
12) 1,1-Dichloroethene	2.588	96	33204	5.529	ug/L	96
13) Acetone	2.671	43	73508	50.059	ug/L	100
14) Carbon disulfide	2.803	76	102524	5.198	ug/L	99
15) Methyl Acetate	2.964	43	14610	4.555	ug/L	93
16) Methylene chloride	3.054	84	37959	5.234	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	75998	4.510	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	32878	5.055	ug/L	98
19) 1,1-Dichloroethane	3.877	63	62718	5.744	ug/L	97
21) 2-Butanone	4.726	43	106390	45.051	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	34745	5.064	ug/L	98
23) Bromochloromethane	4.980	128	16465	4.877	ug/L	95
25) Chloroform	5.096	83	65637	3.787	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	41847	5.470	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	55127	4.953	ug/L	98
30) Cyclohexane	5.395	56	46901	4.154	ug/L	98
31) Carbon tetrachloride	5.530	117	46290	4.847	ug/L	98
33) Benzene	5.781	78	141717	4.871	ug/L	100
34) Trichloroethene	6.546	95	34298	4.540	ug/L	99
35) Methylcyclohexane	6.768	83	49240	3.891	ug/L	99
37) 1,2-Dichloropropane	6.793	63	37733	5.286	ug/L	99
38) Bromodichloromethane	7.108	83	45184	4.399	ug/L	96
39) cis-1,3-Dichloropropene	7.610	75	46660	4.190	ug/L	99
40) 4-Methyl-2-pentanone	7.797	43	228762	43.717	ug/L	99
42) Toluene	7.973	91	151155	4.346	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	44539	4.489	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	28002	4.611	ug/L	96
47) Tetrachloroethene	8.555	164	26507	4.314	ug/L	89
48) 2-Hexanone	8.687	43	185559	46.980	ug/L	98
49) Dibromochloromethane	8.813	129	31636	4.416	ug/L	98
50) 1,2-Dibromoethane	8.928	107	27605	4.485	ug/L	98
51) Chlorobenzene	9.449	112	91734	4.542	ug/L	100
52) Ethylbenzene	9.575	91	145270	4.394	ug/L	100
53) m,p-Xylene	9.697	106	57174	4.338	ug/L	99
54) o-Xylene	10.105	106	53041	4.152	ug/L	95
55) Styrene	10.118	104	93888	4.492	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.784	83	38265	4.686	ug/L	95
59) Bromoform	10.295	173	17721	4.304	ug/L	99
60) Isopropylbenzene	10.488	105	138701	4.453	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	28216	4.981	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	100712	3.939	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	105209	3.999	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	70494	4.528	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	71766	4.580	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	67939	4.512	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	5300	4.507	ug/L	90
69) 1,3,5-Trichlorobenzene	13.221	180	49796	4.057	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	40230	3.921	ug/L	99
71) Naphthalene	14.086	128	75089	3.594	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	39726	4.099	ug/L	97

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

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