

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
 Data File : VU047539.D
 Acq On : 14 Mar 2022 16:52
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005100

Quant Time: Mar 15 05:38:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 15 05:33:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	156208	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	149779	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	84593	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	46433	4.545	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.919	69	42527	4.587	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.571	65	20987	4.381	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	4.642	46	147720	50.254	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.500%
24) Chloroform-d	5.070	84	104243	4.647	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.706	65	56573	4.654	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.732	84	203726	4.673	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.694	67	65255	4.759	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.899	98	191213	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	8.182	79	27815	4.825	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.636	63	144811	48.461	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.920%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	64394	4.703	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	81815	4.628	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	50481	5.253	ug/L	97
3) Chloromethane	1.523	50	45969	4.877	ug/L	99
5) Vinyl chloride	1.607	62	48042	4.942	ug/L	99
6) Bromomethane	1.864	94	23636	5.168	ug/L	99
8) Chloroethane	1.938	64	29142	4.961	ug/L	98
9) Trichlorofluoromethane	2.144	101	65458	5.136	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	41614	5.173	ug/L	98
12) 1,1-Dichloroethene	2.588	96	39628	5.092	ug/L	86
13) Acetone	2.662	43	61427	53.596	ug/L	99
14) Carbon disulfide	2.800	76	112250	4.795	ug/L	100
15) Methyl Acetate	2.967	43	17074	5.397	ug/L	96
16) Methylene chloride	3.051	84	47280	4.118	ug/L	97
17) Methyl tert-butyl Ether	3.369	73	101373	5.077	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	41482	4.959	ug/L	98
19) 1,1-Dichloroethane	3.877	63	73487	4.994	ug/L	98
21) 2-Butanone	4.726	43	111477	51.123	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	46963	5.060	ug/L	97
23) Bromochloromethane	4.980	128	23068	4.898	ug/L	94
25) Chloroform	5.092	83	79428	4.910	ug/L	98

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 VSTD005100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	51444	4.971	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	67875	5.096	ug/L	99
30) Cyclohexane	5.395	56	62094	5.399	ug/L	97
31) Carbon tetrachloride	5.530	117	61289	5.231	ug/L	100
33) Benzene	5.777	78	175420	5.184	ug/L	100
34) Trichloroethene	6.546	95	46610	5.198	ug/L	98
35) Methylcyclohexane	6.767	83	70457	5.459	ug/L	99
37) 1,2-Dichloropropane	6.793	63	44431	5.123	ug/L	100
38) Bromodichloromethane	7.108	83	60468	5.063	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	68154	5.057	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	305882	50.599	ug/L	100
42) Toluene	7.970	91	192430	5.245	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	63053	5.245	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	37764	5.079	ug/L	95
47) Tetrachloroethene	8.555	164	39931	5.220	ug/L	99
48) 2-Hexanone	8.687	43	225819	49.082	ug/L	98
49) Dibromochloromethane	8.812	129	47273	5.162	ug/L	98
50) 1,2-Dibromoethane	8.925	107	37263	5.068	ug/L	98
51) Chlorobenzene	9.449	112	130078	5.191	ug/L	99
52) Ethylbenzene	9.571	91	203741	5.243	ug/L	99
53) m,p-Xylene	9.693	106	80697	5.371	ug/L	95
54) o-Xylene	10.102	106	79016	5.324	ug/L	95
55) Styrene	10.115	104	135458	5.314	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	51393	5.156	ug/L	96
59) Bromoform	10.291	173	30724	5.148	ug/L	99
60) Isopropylbenzene	10.484	105	204865	5.361	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	34731	4.895	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	130125	5.333	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	171173	5.405	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	112289	5.269	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	111970	5.143	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	107696	5.111	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	8160	4.794	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	92242	5.120	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	80130	5.056	ug/L	100
71) Naphthalene	14.086	128	137154	4.662	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	75919	4.992	ug/L	98

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

