

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081123\
 Data File : VV031796.D
 Acq On : 11 Aug 2023 14:41
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005375

Quant Time: Aug 12 05:20:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 12 05:18:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	220578	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	231101	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	134154	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	66408	3.399	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.000%
7) Chloroethane-d5	1.536	69	69346	3.916	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.063	65	38708	3.861	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	3.812	46	212053	42.491	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.980%
24) Chloroform-d	4.256	84	180391	4.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	4.950	65	90753	4.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
32) Benzene-d6	4.966	84	307230	4.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	5.995	67	105466	4.313	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.249	98	305999	5.050	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
43) trans-1,3-Dichloroprop...	7.561	79	34251	4.435	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.034	63	155304	43.299	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.600%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	77027	4.293	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.800%
66) 1,2-Dichlorobenzene-d4	11.567	152	104305	4.464	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	102005	4.258	ug/L	99
3) Chloromethane	1.221	50	100137	4.034	ug/L	98
5) Vinyl chloride	1.285	62	100693	4.246	ug/L	81
6) Bromomethane	1.491	94	59715	4.119	ug/L	81
8) Chloroethane	1.552	64	62348	4.531	ug/L	96
9) Trichlorofluoromethane	1.716	101	165777	4.845	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	93372	4.961	ug/L	98
12) 1,1-Dichloroethene	2.073	96	77564	4.507	ug/L	87
13) Acetone	2.140	43	152844	48.139	ug/L	98
14) Carbon disulfide	2.243	76	205745	3.851	ug/L	100
15) Methyl Acetate	2.391	43	32932	4.848	ug/L	97
16) Methylene chloride	2.452	84	90873	3.974	ug/L	87
17) Methyl tert-butyl Ether	2.712	73	140588	4.445	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	66423	4.464	ug/L	91
19) 1,1-Dichloroethane	3.118	63	148699	4.570	ug/L	97
21) 2-Butanone	3.899	43	176612	42.735	ug/L	81
22) cis-1,2-Dichloroethene	3.822	96	69929	4.753	ug/L	89
23) Bromochloromethane	4.156	128	37972	5.126	ug/L	90
25) Chloroform	4.281	83	158786	4.962	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	92603	4.601	ug/L	98
29) 1,1,1-Trichloroethane	4.519	97	136098	4.876	ug/L	97
30) Cyclohexane	4.590	56	89317	4.401	ug/L	98
31) Carbon tetrachloride	4.741	117	121551	4.936	ug/L	100
33) Benzene	5.015	78	290142	4.943	ug/L	100
34) Trichloroethene	5.838	95	79709	4.786	ug/L	92
35) Methylcyclohexane	6.056	83	91374	4.420	ug/L	96
37) 1,2-Dichloropropane	6.101	63	79050	4.691	ug/L #	91
38) Bromodichloromethane	6.439	83	107890	4.822	ug/L	95
39) cis-1,3-Dichloropropene	6.963	75	92137	4.392	ug/L	99
40) 4-Methyl-2-pentanone	7.166	43	442949	49.179	ug/L	99
42) Toluene	7.320	91	308643	5.444	ug/L	97
44) trans-1,3-Dichloropropene	7.587	75	88197	4.820	ug/L	94
45) 1,1,2-Trichloroethane	7.773	97	59181	4.727	ug/L	95
47) Tetrachloroethene	7.912	164	59487	5.173	ug/L	96
48) 2-Hexanone	8.082	43	362287	54.893	ug/L	98
49) Dibromochloromethane	8.182	129	72568	5.396	ug/L	99
50) 1,2-Dibromoethane	8.288	107	57843	4.941	ug/L	93
51) Chlorobenzene	8.818	112	183393	4.905	ug/L	91
52) Ethylbenzene	8.953	91	273900	4.873	ug/L	99
53) m,p-Xylene	9.079	106	108288	5.212	ug/L	95
54) o-Xylene	9.484	106	96367	5.001	ug/L	93
55) Styrene	9.503	104	184438	5.072	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.185	83	60238	4.546	ug/L	91
59) Bromoform	9.670	173	38251	4.271	ug/L	98
60) Isopropylbenzene	9.873	105	271206	4.564	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	53933	4.523	ug/L	97
62) 1,3,5-Trimethylbenzene	10.481	105	206967	4.317	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	204383	4.271	ug/L	97
64) 1,3-Dichlorobenzene	11.124	146	154983	4.839	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	159756	4.713	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	148760	4.847	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.371	75	10735	4.381	ug/L	96
69) 1,3,5-Trichlorobenzene	12.587	180	108131	4.616	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	83521	4.500	ug/L	99
71) Naphthalene	13.445	128	117062	3.910	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	77882	4.544	ug/L	95

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

