

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012623\
 Data File : VW029967.D
 Acq On : 26 Jan 2023 19:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005395

Quant Time: Jan 27 01:59:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 27 01:28:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	302439	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	273932	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	146959	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	109246	4.762	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.565	69	96727	5.087	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.800%
11) 1,1-Dichloroethene-d2	2.105	63	201566	4.820	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.400%
20) 2-Butanone-d5	3.883	46	181869	44.730	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.460%
24) Chloroform-d	4.336	84	186812	4.439	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.021	65	77744	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	5.040	84	386250	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.060	67	117793	4.953	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.304	98	348744	4.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.609	79	38473	4.430	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.082	63	163505	46.242	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.480%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	76141	4.369	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	11.609	152	114227	4.275	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	116310	4.132	ug/L	99
3) Chloromethane	1.240	50	151052	5.099	ug/L	100
5) Vinyl chloride	1.307	62	161906	5.574	ug/L	99
6) Bromomethane	1.516	94	57566	4.070	ug/L	99
8) Chloroethane	1.581	64	105923	6.010	ug/L	100
9) Trichlorofluoromethane	1.748	101	181637	4.774	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	106850	4.767	ug/L	93
12) 1,1-Dichloroethene	2.114	96	110107	4.264	ug/L	92
13) Acetone	2.179	43	153009	52.726	ug/L	98
14) Carbon disulfide	2.288	76	339097	4.561	ug/L	100
15) Methyl Acetate	2.429	43	36206	4.791	ug/L	96
16) Methylene chloride	2.500	84	132254	4.123	ug/L	89
17) Methyl tert-butyl Ether	2.761	73	241234	5.402	ug/L	97
18) trans-1,2-Dichloroethene	2.751	96	118892	4.953	ug/L	92
19) 1,1-Dichloroethane	3.179	63	228472	5.689	ug/L	99
21) 2-Butanone	3.963	43	229110	55.109	ug/L	99
22) cis-1,2-Dichloroethene	3.899	96	129440	5.060	ug/L	89
23) Bromochloromethane	4.233	128	52433	4.964	ug/L	84
25) Chloroform	4.362	83	220664	5.055	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.117	62	114517	5.399	ug/L	99
29) 1,1,1-Trichloroethane	4.593	97	182714	5.137	ug/L	97
30) Cyclohexane	4.667	56	186184	5.529	ug/L	95
31) Carbon tetrachloride	4.815	117	145320	4.695	ug/L	98
33) Benzene	5.089	78	505611	5.583	ug/L	100
34) Trichloroethene	5.902	95	119645	5.213	ug/L	96
35) Methylcyclohexane	6.121	83	191957	4.954	ug/L	96
37) 1,2-Dichloropropane	6.162	63	128815	6.073	ug/L	99
38) Bromodichloromethane	6.497	83	148132	5.400	ug/L	96
39) cis-1,3-Dichloropropene	7.015	75	167953	5.905	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	575083	63.536	ug/L	95
42) Toluene	7.378	91	525912	5.384	ug/L	99
44) trans-1,3-Dichloropropene	7.638	75	134578	5.871	ug/L	100
45) 1,1,2-Trichloroethane	7.828	97	81013	5.301	ug/L	97
47) Tetrachloroethene	7.963	164	93705	4.849	ug/L	99
48) 2-Hexanone	8.130	43	398567	61.607	ug/L	96
49) Dibromochloromethane	8.233	129	90099	5.024	ug/L	99
50) 1,2-Dibromoethane	8.339	107	69563	5.244	ug/L	100
51) Chlorobenzene	8.870	112	317799	5.124	ug/L	100
52) Ethylbenzene	9.002	91	526752	5.153	ug/L	99
53) m,p-Xylene	9.127	106	205931	5.089	ug/L	100
54) o-Xylene	9.532	106	194041	5.053	ug/L	100
55) Styrene	9.548	104	338002	5.117	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.230	83	93407	5.503	ug/L	98
59) Bromoform	9.719	173	45572	4.788	ug/L	99
60) Isopropylbenzene	9.918	105	510940	5.439	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	62231	5.719	ug/L	98
62) 1,3,5-Trimethylbenzene	10.526	105	412624	5.126	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	426574	5.314	ug/L	100
64) 1,3-Dichlorobenzene	11.169	146	247766	5.194	ug/L	99
65) 1,4-Dichlorobenzene	11.259	146	246426	5.182	ug/L	98
67) 1,2-Dichlorobenzene	11.628	146	230915	5.385	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.413	75	13643	5.302	ug/L	98
69) 1,3,5-Trichlorobenzene	12.628	180	191260	4.981	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	158555	5.285	ug/L	99
71) Naphthalene	13.487	128	209314	5.385	ug/L	99
72) 1,2,3-Trichlorobenzene	13.728	180	134905	5.417	ug/L	99

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

