

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VW029270.D
 Acq On : 22 Nov 2022 18:10
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV209

Quant Time: Nov 23 01:42:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 23 01:38:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	290243	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	252372	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	127333	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	140629	5.079	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.600%
7) Chloroethane-d5	1.561	69	108708	5.016	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.101	63	239701	5.083	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.600%
20) 2-Butanone-d5	3.892	46	219057	53.601	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.200%
24) Chloroform-d	4.336	84	194160	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.021	65	98327	5.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	5.040	84	442046	5.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.400%
36) 1,2-Dichloropropane-d6	6.059	67	138414	5.324	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.400%
41) Toluene-d8	7.307	98	404714	5.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.200%
43) trans-1,3-Dichloroprop...	7.612	79	47247	5.458	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.200%
46) 2-Hexanone-d5	8.085	63	91636	59.052	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.100%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	70841	5.481	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.600%
66) 1,2-Dichlorobenzene-d4	11.612	152	128006	5.211	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	122597	5.057	ug/L	99
3) Chloromethane	1.233	50	157750	4.734	ug/L	98
5) Vinyl chloride	1.304	62	158975	4.973	ug/L	98
6) Bromomethane	1.516	94	82736	4.681	ug/L	98
8) Chloroethane	1.577	64	95767	4.999	ug/L	99
9) Trichlorofluoromethane	1.744	101	187427	5.132	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	106829	4.937	ug/L	100
12) 1,1-Dichloroethene	2.108	96	103066	4.812	ug/L	92
13) Acetone	2.188	43	168381	49.666	ug/L	98
14) Carbon disulfide	2.285	76	291616	4.822	ug/L	99
15) Methyl Acetate	2.432	43	41255	4.681	ug/L	100
16) Methylene chloride	2.497	84	157762	4.679	ug/L	98
17) Methyl tert-butyl Ether	2.760	73	238002	5.059	ug/L	100
18) trans-1,2-Dichloroethene	2.751	96	108580	4.990	ug/L	98
19) 1,1-Dichloroethane	3.178	63	220073	5.018	ug/L	98
21) 2-Butanone	3.976	43	267664	49.888	ug/L	100
22) cis-1,2-Dichloroethene	3.899	96	116837	4.920	ug/L	95
23) Bromochloromethane	4.236	128	43849	4.941	ug/L	98
25) Chloroform	4.362	83	213695	5.122	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.120	62	115662	5.060	ug/L	98
29) 1,1,1-Trichloroethane	4.596	97	169939	5.088	ug/L	100
30) Cyclohexane	4.667	56	207350	5.133	ug/L	99
31) Carbon tetrachloride	4.815	117	135734	5.094	ug/L	100
33) Benzene	5.088	78	474732	5.166	ug/L	100
34) Trichloroethene	5.905	95	120781	4.994	ug/L	99
35) Methylcyclohexane	6.124	83	204120	5.222	ug/L	99
37) 1,2-Dichloropropane	6.165	63	121630	5.104	ug/L	100
38) Bromodichloromethane	6.500	83	135867	5.096	ug/L	99
39) cis-1,3-Dichloropropene	7.017	75	162990	5.284	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	633743	52.677	ug/L	100
42) Toluene	7.381	91	487725	5.162	ug/L	100
44) trans-1,3-Dichloropropene	7.644	75	124112	5.222	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	71274	5.041	ug/L	98
47) Tetrachloroethene	7.966	164	83030	5.228	ug/L	99
48) 2-Hexanone	8.136	43	479383	52.670	ug/L	100
49) Dibromochloromethane	8.236	129	74856	5.065	ug/L	99
50) 1,2-Dibromoethane	8.345	107	61109	5.108	ug/L #	97
51) Chlorobenzene	8.873	112	293711	5.116	ug/L	98
52) Ethylbenzene	9.005	91	529157	5.204	ug/L	99
53) m,p-Xylene	9.130	106	200619	5.315	ug/L	97
54) o-Xylene	9.535	106	191987	5.198	ug/L	99
55) Styrene	9.551	104	334090	5.289	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	67866	5.371	ug/L	97
59) Bromoform	9.722	173	37572	5.030	ug/L	97
60) Isopropylbenzene	9.921	105	521123	5.074	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	61387	5.039	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	443373	5.084	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	444761	5.127	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	221124	4.920	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	221493	5.031	ug/L	98
67) 1,2-Dichlorobenzene	11.631	146	205949	5.059	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	8535	4.665	ug/L	86
69) 1,3,5-Trichlorobenzene	12.635	180	171562	4.902	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	130036	4.788	ug/L	99
71) Naphthalene	13.493	128	24254	2.620	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	103636	4.739	ug/L	100

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

