

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120522\
 Data File : VW029394.D
 Acq On : 05 Dec 2022 10:00
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005376

Quant Time: Dec 05 23:30:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 02 21:17:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	234579	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	213344	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	111338	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	71990	4.987	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.800%
7) Chloroethane-d5	1.564	69	53612	5.073	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.105	63	110512	4.784	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.600%
20) 2-Butanone-d5	3.912	46	102061	42.262	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.520%
24) Chloroform-d	4.336	84	120514	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.024	65	50132	4.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.040	84	251761	4.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.059	67	72070	4.350	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.307	98	235964	4.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	7.616	79	28426	4.450	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.085	63	103563	45.482	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.960%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	49184	4.811	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	11.612	152	80085	4.117	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	78895	4.508	ug/L	99
3) Chloromethane	1.236	50	86190	5.375	ug/L	99
5) Vinyl chloride	1.307	62	80491	5.037	ug/L	99
6) Bromomethane	1.516	94	36524	3.663	ug/L	96
8) Chloroethane	1.580	64	48624	5.120	ug/L	97
9) Trichlorofluoromethane	1.748	101	110994	4.962	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	65765	5.273	ug/L	95
12) 1,1-Dichloroethene	2.111	96	62658	5.195	ug/L	96
13) Acetone	2.198	43	86100	49.034	ug/L	79
14) Carbon disulfide	2.288	76	179331	5.117	ug/L	100
15) Methyl Acetate	2.439	43	24256	4.807	ug/L	93
16) Methylene chloride	2.500	84	80422	4.364	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	160952	5.219	ug/L	99
18) trans-1,2-Dichloroethene	2.751	96	72746	5.255	ug/L	97
19) 1,1-Dichloroethane	3.178	63	135014	5.419	ug/L	96
21) 2-Butanone	3.989	43	140595	51.147	ug/L #	67
22) cis-1,2-Dichloroethene	3.902	96	83577	5.278	ug/L	91
23) Bromochloromethane	4.236	128	33233	5.240	ug/L	95
25) Chloroform	4.365	83	142116	5.463	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	69962	4.964	ug/L	99
29) 1,1,1-Trichloroethane	4.596	97	123623	5.038	ug/L	99
30) Cyclohexane	4.667	56	112738	4.648	ug/L	98
31) Carbon tetrachloride	4.818	117	106573	5.136	ug/L	98
33) Benzene	5.092	78	316719	4.964	ug/L	100
34) Trichloroethene	5.905	95	80099	4.921	ug/L	94
35) Methylcyclohexane	6.120	83	128160	4.664	ug/L	98
37) 1,2-Dichloropropane	6.165	63	75649	5.033	ug/L	99
38) Bromodichloromethane	6.500	83	102373	5.689	ug/L	98
39) cis-1,3-Dichloropropene	7.018	75	114102	5.193	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	367553	52.256	ug/L	98
42) Toluene	7.378	91	340976	4.979	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	91467	5.255	ug/L	98
45) 1,1,2-Trichloroethane	7.831	97	54388	5.344	ug/L	98
47) Tetrachloroethene	7.966	164	61853	4.635	ug/L	95
48) 2-Hexanone	8.136	43	259375	52.897	ug/L	97
49) Dibromochloromethane	8.236	129	67242	5.874	ug/L	100
50) 1,2-Dibromoethane	8.345	107	47991	5.405	ug/L	100
51) Chlorobenzene	8.873	112	220569	5.153	ug/L	99
52) Ethylbenzene	9.001	91	371622	5.205	ug/L	98
53) m,p-Xylene	9.130	106	143568	5.098	ug/L	98
54) o-Xylene	9.535	106	140326	5.072	ug/L	100
55) Styrene	9.551	104	246837	5.286	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	62377	5.924	ug/L	98
59) Bromoform	9.722	173	38098	6.513	ug/L	98
60) Isopropylbenzene	9.921	105	366218	5.087	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	42590	5.516	ug/L	96
62) 1,3,5-Trimethylbenzene	10.529	105	310584	4.983	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	315021	5.025	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	173813	5.176	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	171329	5.157	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	158453	5.121	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	9508	6.270	ug/L	93
69) 1,3,5-Trichlorobenzene	12.631	180	143416	5.183	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	118109	5.268	ug/L	99
71) Naphthalene	13.493	128	124553	6.417	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	97832	5.360	ug/L	100

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

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