

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091622\
 Data File : VW027896.D
 Acq On : 16 Sep 2022 21:17
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005293

Quant Time: Sep 16 22:11:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 16 22:04:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	138607	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	138087	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	84641	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	47337	5.181	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.600%
7) Chloroethane-d5	1.568	69	32797	4.232	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.108	63	70402	3.631	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	3.902	46	67759	33.464	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.920%
24) Chloroform-d	4.346	84	84924	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.031	65	41530	4.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
32) Benzene-d6	5.050	84	156691	3.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
36) 1,2-Dichloropropane-d6	6.069	67	39575	3.374	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	67.400%
41) Toluene-d8	7.313	98	154555	4.588	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	7.622	79	16664	4.235	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.088	63	54864	37.510	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.020%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	29366	3.899	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	54836	3.944	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.800%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	72577	5.334	ug/L	98
3) Chloromethane	1.240	50	52187	4.212	ug/L	99
5) Vinyl chloride	1.310	62	59091	4.735	ug/L	100
6) Bromomethane	1.523	94	30634	4.558	ug/L	98
8) Chloroethane	1.584	64	33111	4.621	ug/L	96
9) Trichlorofluoromethane	1.754	101	100879	4.989	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	41581	4.219	ug/L	91
12) 1,1-Dichloroethene	2.118	96	39626	4.314	ug/L	87
13) Acetone	2.185	43	49723	32.958	ug/L	84
14) Carbon disulfide	2.294	76	87142	3.195	ug/L	99
15) Methyl Acetate	2.439	43	10348	2.586	ug/L #	87
16) Methylene chloride	2.507	84	46734	3.951	ug/L	80
17) Methyl tert-butyl Ether	2.767	73	83139	3.813	ug/L	95
18) trans-1,2-Dichloroethene	2.757	96	38615	3.980	ug/L	84
19) 1,1-Dichloroethane	3.188	63	67196	3.691	ug/L	96
21) 2-Butanone	3.979	43	93273	43.797	ug/L	91
22) cis-1,2-Dichloroethene	3.908	96	55663	5.265	ug/L #	82
23) Bromochloromethane	4.249	128	24741	5.572	ug/L	83
25) Chloroform	4.375	83	110618	5.477	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	65773	5.371	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	104712	4.930	ug/L	97
30) Cyclohexane	4.674	56	66208	3.794	ug/L	94
31) Carbon tetrachloride	4.825	117	94527	5.238	ug/L	100
33) Benzene	5.098	78	216963	4.757	ug/L	100
34) Trichloroethene	5.915	95	54200	4.748	ug/L	92
35) Methylcyclohexane	6.127	83	79850	4.555	ug/L	93
37) 1,2-Dichloropropane	6.172	63	48987	4.526	ug/L	98
38) Bromodichloromethane	6.506	83	74465	5.189	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	67896	4.969	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	234338	47.773	ug/L #	94
42) Toluene	7.384	91	241110	5.458	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	59629	5.200	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	36921	5.265	ug/L	96
47) Tetrachloroethene	7.973	164	50088	5.468	ug/L	95
48) 2-Hexanone	8.140	43	169993	47.669	ug/L #	94
49) Dibromochloromethane	8.243	129	48921	5.495	ug/L	99
50) 1,2-Dibromoethane	8.352	107	32768	5.167	ug/L	99
51) Chlorobenzene	8.879	112	154777	5.399	ug/L	98
52) Ethylbenzene	9.011	91	245824	5.366	ug/L	98
53) m,p-Xylene	9.137	106	100687	5.587	ug/L	98
54) o-Xylene	9.542	106	97389	5.669	ug/L	95
55) Styrene	9.558	104	171020	5.757	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	38863	4.945	ug/L	98
59) Bromoform	9.728	173	25799	5.035	ug/L #	98
60) Isopropylbenzene	9.931	105	262204	4.951	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	29761	4.440	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	75091	5.035	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	207689	4.899	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	133997	4.997	ug/L	97
65) 1,4-Dichlorobenzene	11.272	146	133920	4.956	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	120761	4.959	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6129	4.260	ug/L	93
69) 1,3,5-Trichlorobenzene	12.641	180	102577	5.049	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	77908	4.851	ug/L	98
71) Naphthalene	13.500	128	100047	3.965	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	69302	4.843	ug/L	96

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

