

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091722\
 Data File : VW027899.D
 Acq On : 17 Sep 2022 14:17
 Operator : SY/MD
 Sample : VSTD00135
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001235

Quant Time: Sep 19 02:19:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 19 02:17:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	195235	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	195769	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	102678	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	16992	1.090	ug/L	0.00
7) Chloroethane-d5	1.568	69	11785	1.070	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	27533	1.123	ug/L	0.00
20) 2-Butanone-d5	3.911	46	22322	9.032	ug/L	0.02
24) Chloroform-d	4.346	84	30089	1.047	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	14627	1.015	ug/L	0.00
32) Benzene-d6	5.050	84	54731	1.014	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	14657	1.039	ug/L	0.00
41) Toluene-d8	7.316	98	49349	0.987	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	6085	1.008	ug/L	0.00
46) 2-Hexanone-d5	8.095	63	16605	8.292	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.213	84	9070	0.930	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	18719	1.041	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	17939	1.145	ug/L	96
3) Chloromethane	1.240	50	13994	1.129	ug/L	99
5) Vinyl chloride	1.310	62	15317	1.093	ug/L	98
6) Bromomethane	1.523	94	8589	1.138	ug/L	99
8) Chloroethane	1.584	64	9398	1.176	ug/L	99
9) Trichlorofluoromethane	1.751	101	27175	1.165	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	12950	1.155	ug/L	92
12) 1,1-Dichloroethene	2.117	96	12904	1.206	ug/L	89
13) Acetone	2.191	43	18173	11.036	ug/L	92
14) Carbon disulfide	2.294	76	31099	1.204	ug/L	98
15) Methyl Acetate	2.442	43	3917	1.065	ug/L	94
16) Methylene chloride	2.506	84	18223	1.317	ug/L	87
17) Methyl tert-butyl Ether	2.767	73	28841	1.047	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	13809	1.145	ug/L	85
19) 1,1-Dichloroethane	3.188	63	24623	1.091	ug/L	97
21) 2-Butanone	3.995	43	18256	8.246	ug/L	100
22) cis-1,2-Dichloroethene	3.911	96	14137	1.042	ug/L #	94
23) Bromochloromethane	4.249	128	6890	1.112	ug/L #	76
25) Chloroform	4.374	83	30295	1.119	ug/L	94
27) 1,2-Dichloroethane	5.133	62	16804	1.097	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	27044	1.057	ug/L	97
30) Cyclohexane	4.667	56	15965	1.017	ug/L	91
31) Carbon tetrachloride	4.825	117	24078	1.062	ug/L	97
33) Benzene	5.098	78	54585	1.070	ug/L	100
34) Trichloroethene	5.915	95	15487	1.123	ug/L	92
35) Methylcyclohexane	6.127	83	19414	1.017	ug/L	93
37) 1,2-Dichloropropane	6.172	63	11598	1.009	ug/L #	97
38) Bromodichloromethane	6.509	83	19272	1.075	ug/L	95
39) cis-1,3-Dichloropropene	7.030	75	16735	0.968	ug/L	98
40) 4-Methyl-2-pentanone	7.226	43	54376	9.738	ug/L	93
42) Toluene	7.387	91	59543	1.063	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	14909	0.976	ug/L	99

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

45) 1,1,2-Trichloroethane	7.837	97	9782	1.096	ug/L	99
47) Tetrachloroethene	7.972	164	12191	1.058	ug/L	97
48) 2-Hexanone	8.143	43	38007	9.485	ug/L #	96
49) Dibromochloromethane	8.246	129	12580	1.075	ug/L	98
50) 1,2-Dibromoethane	8.352	107	8669	1.083	ug/L	96
51) Chlorobenzene	8.882	112	41788	1.090	ug/L	97
52) Ethylbenzene	9.011	91	61232	1.004	ug/L	98
53) m,p-Xylene	9.136	106	24213	1.002	ug/L	91
54) o-Xylene	9.541	106	23388	0.996	ug/L	98
55) Styrene	9.561	104	39991	0.986	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.239	83	9448	1.031	ug/L #	94
59) Bromoform	9.731	173	7029	1.155	ug/L	98
60) Isopropylbenzene	9.931	105	63475	1.059	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	7871	1.116	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	18709	1.066	ug/L	94
63) 1,2,4-Trimethylbenzene	10.911	105	49520	1.004	ug/L	97
64) 1,3-Dichlorobenzene	11.181	146	33326	1.095	ug/L	93
65) 1,4-Dichlorobenzene	11.271	146	33622	1.090	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	31023	1.107	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	1497	0.995	ug/L	88
69) 1,3,5-Trichlorobenzene	12.644	180	27249	1.105	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	20031	1.032	ug/L	96
71) Naphthalene	13.503	128	28767	1.066	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	16277	0.985	ug/L	96

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

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