

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102522\
 Data File : VW028681.D
 Acq On : 25 Oct 2022 11:23
 Operator : SY/MD
 Sample : VSTD00572
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005272

Quant Time: Oct 27 04:36:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 04:33:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	230589	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	173303	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	85790	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	79456	3.760	ug/L	0.00
7) Chloroethane-d5	1.577	69	67240	3.973	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.118	63	152524	4.084	ug/L	0.00
20) 2-Butanone-d5	3.973	46	228210	52.975	ug/L	0.00
24) Chloroform-d	4.355	84	150534	4.598	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	85356	4.743	ug/L	0.00
32) Benzene-d6	5.047	84	285429	4.044	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.076	67	84218	3.920	ug/L	0.00
41) Toluene-d8	7.320	98	194137	3.796	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	22820	4.043	ug/L	0.00
46) 2-Hexanone-d5	8.114	63	109047	46.190	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	51722	4.742	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.616	152	61116	4.153	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	42848	4.008	ug/L	100
3) Chloromethane	1.233	50	79343	3.745	ug/L	98
5) Vinyl chloride	1.307	62	81014	3.973	ug/L	97
6) Bromomethane	1.529	94	35900	3.610	ug/L	100
8) Chloroethane	1.597	64	51798	3.774	ug/L	98
9) Trichlorofluoromethane	1.764	101	105861	4.178	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	59071	3.959	ug/L	94
12) 1,1-Dichloroethene	2.127	96	53988	3.821	ug/L	89
13) Acetone	2.249	43	116257	43.002	ug/L	95
14) Carbon disulfide	2.298	76	135923	4.001	ug/L	100
15) Methyl Acetate	2.465	43	35852	4.451	ug/L	100
16) Methylene chloride	2.513	84	69040	3.377	ug/L	98
17) Methyl tert-butyl Ether	2.790	73	168299	4.299	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	58249	3.791	ug/L	95
19) 1,1-Dichloroethane	3.191	63	152280	4.196	ug/L	98
21) 2-Butanone	4.053	43	227779	47.560	ug/L	97
22) cis-1,2-Dichloroethene	3.915	96	72515	4.066	ug/L #	88
23) Bromochloromethane	4.253	128	26155	3.991	ug/L	92
25) Chloroform	4.381	83	145108	4.208	ug/L	97
27) 1,2-Dichloroethane	5.137	62	98355	4.496	ug/L	96
29) 1,1,1-Trichloroethane	4.606	97	116695	4.095	ug/L	98
30) Cyclohexane	4.664	56	120952	3.969	ug/L	96
31) Carbon tetrachloride	4.818	117	94780	4.470	ug/L	99
33) Benzene	5.095	78	287168	3.776	ug/L	100
34) Trichloroethene	5.908	95	70219	4.036	ug/L	96
35) Methylcyclohexane	6.117	83	83377	3.231	ug/L	97
37) 1,2-Dichloropropane	6.178	63	65163	3.318	ug/L	99
38) Bromodichloromethane	6.516	83	71939	3.699	ug/L	99
39) cis-1,3-Dichloropropene	7.037	75	75900	3.614	ug/L	95
40) 4-Methyl-2-pentanone	7.262	43	373932	37.569	ug/L	99
42) Toluene	7.391	91	232292	3.657	ug/L	100
44) trans-1,3-Dichloropropene	7.661	75	58706	3.809	ug/L	98

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45) 1,1,2-Trichloroethane	7.847	97	37801	3.842	ug/L	97
47) Tetrachloroethene	7.976	164	36422	3.810	ug/L	96
48) 2-Hexanone	8.162	43	261981	41.182	ug/L	97
49) Dibromochloromethane	8.249	129	38727	4.214	ug/L	97
50) 1,2-Dibromoethane	8.358	107	32498	3.881	ug/L	99
51) Chlorobenzene	8.883	112	145428	3.904	ug/L	99
52) Ethylbenzene	9.011	91	258954	3.920	ug/L	98
53) m,p-Xylene	9.137	106	91323	3.825	ug/L	96
54) o-Xylene	9.542	106	93315	3.902	ug/L	94
55) Styrene	9.558	104	161692	3.977	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	48604	4.198	ug/L	95
59) Bromoform	9.731	173	18042	4.334	ug/L	97
60) Isopropylbenzene	9.928	105	254644	3.726	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	33421	3.749	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	72778	3.695	ug/L	97
63) 1,2,4-Trimethylbenzene	10.908	105	204208	3.863	ug/L	98
64) 1,3-Dichlorobenzene	11.175	146	111078	4.086	ug/L	97
65) 1,4-Dichlorobenzene	11.265	146	105845	3.874	ug/L	100
67) 1,2-Dichlorobenzene	11.635	146	98166	3.900	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.419	75	6339	3.968	ug/L	96
69) 1,3,5-Trichlorobenzene	12.638	180	79371	4.089	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	59953	3.931	ug/L	99
71) Naphthalene	13.493	128	88329	3.403	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	53938	4.041	ug/L	100

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

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