

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011223\
 Data File : VV029789.D
 Acq On : 12 Jan 2023 16:25
 Operator : SY/MD
 Sample : VSTD0.516
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5216

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

Quant Time: Jan 12 21:47:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 21:47:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	210272	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	200661	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	105449	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	7387	0.549	ug/L	0.00
7) Chloroethane-d5	1.564	69	6310	0.627	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	14245	0.644	ug/L	0.00
20) 2-Butanone-d5	3.912	46	11516m	5.043	ug/L	0.01
24) Chloroform-d	4.339	84	13784	0.573	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	5516	0.524	ug/L	0.00
32) Benzene-d6	5.043	84	25982	0.468	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	7787	0.494	ug/L	0.00
41) Toluene-d8	7.307	98	23769	0.455	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	2691	0.450	ug/L	0.00
46) 2-Hexanone-d5	8.095	63	9138m	4.119	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.204	84	5663	0.560	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	9180	0.502	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	7746	0.463	ug/L	100
3) Chloromethane	1.240	50	8454	0.529	ug/L	99
5) Vinyl chloride	1.307	62	7966	0.505	ug/L	99
6) Bromomethane	1.519	94	3906	0.423	ug/L	99
8) Chloroethane	1.580	64	4938	0.523	ug/L	87
9) Trichlorofluoromethane	1.751	101	9960	0.457	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	6027	0.489	ug/L	97
12) 1,1-Dichloroethene	2.114	96	10313	0.860	ug/L	94
13) Acetone	2.182	43	10850	6.505	ug/L	99
14) Carbon disulfide	2.291	76	20472	0.563	ug/L	98
15) Methyl Acetate	2.436	43	2637m	0.559	ug/L	
16) Methylene chloride	2.500	84	14706	0.820	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	11443	0.396	ug/L	96
18) trans-1,2-Dichloroethene	2.754	96	6600	0.488	ug/L	95
19) 1,1-Dichloroethane	3.185	63	11126	0.468	ug/L	97
21) 2-Butanone	3.998	43	10766m	4.161	ug/L	
22) cis-1,2-Dichloroethene	3.905	96	7599	0.502	ug/L	93
23) Bromochloromethane	4.239	128	2845	0.465	ug/L	85
25) Chloroform	4.368	83	13739	0.551	ug/L	99
27) 1,2-Dichloroethane	5.124	62	5635	0.421	ug/L	98
29) 1,1,1-Trichloroethane	4.596	97	10576	0.442	ug/L	95
30) Cyclohexane	4.661	56	8685	0.369	ug/L	93
31) Carbon tetrachloride	4.818	117	9344	0.460	ug/L	100
33) Benzene	5.092	78	24335	0.390	ug/L	100
34) Trichloroethene	5.908	95	6180	0.390	ug/L	96
35) Methylcyclohexane	6.120	83	10099m	0.379	ug/L	
37) 1,2-Dichloropropane	6.165	63	6047	0.412	ug/L #	94
38) Bromodichloromethane	6.503	83	7996	0.447	ug/L #	99
39) cis-1,3-Dichloropropene	7.024	75	7543	0.362	ug/L	95
40) 4-Methyl-2-pentanone	7.227	43	21349	3.161	ug/L	100
42) Toluene	7.381	91	25659	0.383	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	5809	0.348	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.831	97	4513	0.450	ug/L	85
47) Tetrachloroethene	7.966	164	5266	0.403	ug/L	98
49) Dibromochloromethane	8.236	129	5126	0.450	ug/L	97
50) 1,2-Dibromoethane	8.345	107	3484	0.398	ug/L #	98
51) Chlorobenzene	8.873	112	17918	0.428	ug/L	97
52) Ethylbenzene	9.005	91	27224	0.391	ug/L	98
53) m,p-Xylene	9.130	106	10526	0.381	ug/L	98
54) o-Xylene	9.532	106	10103	0.377	ug/L	93
55) Styrene	9.554	104	16365	0.358	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	4572	0.431	ug/L #	95
59) Bromoform	9.722	173	2839	0.480	ug/L #	89
60) Isopropylbenzene	9.921	105	23672	0.342	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	3055	0.406	ug/L #	91
62) 1,3,5-Trimethylbenzene	10.529	105	20638	0.347	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	19295	0.322	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	12811	0.392	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	13616	0.420	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.419	75	856	0.563	ug/L #	82
69) 1,3,5-Trichlorobenzene	12.631	180	10448	0.389	ug/L	98
70) 1,2,4-trichlorobenzene	13.249	180	7711	0.357	ug/L	97
71) Naphthalene	13.493	128	8660	0.415	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	6356	0.360	ug/L	99

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

