

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012622\
 Data File : VW024427.D
 Acq On : 26 Jan 2022 09:56
 Operator : SY/MD
 Sample : VSTD0.577
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5277

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/28/2022
 Supervised By : Mahesh Dadoda 01/28/2022

Quant Time: Jan 26 11:06:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 26 11:06:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	178642	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	184793	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	100038	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	8035	0.739	ug/L	0.00
7) Chloroethane-d5	1.568	69	6944	0.752	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	15260	0.721	ug/L	0.00
20) 2-Butanone-d5	3.989	46	9993m	4.681	ug/L	0.06
24) Chloroform-d	4.349	84	14434	0.612	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	6453	0.586	ug/L	0.00
32) Benzene-d6	5.056	84	25982	0.638	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	8907	0.716	ug/L	0.00
41) Toluene-d8	7.320	98	22656	0.610	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	2850	0.581	ug/L	0.00
46) 2-Hexanone-d5	8.104	63	8200m	3.970	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	4952	0.525	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	8977	0.628	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	10621	0.650	ug/L	98
3) Chloromethane	1.240	50	9680	0.672	ug/L	96
5) Vinyl chloride	1.310	62	8860	0.575	ug/L	98
6) Bromomethane	1.523	94	5928	0.611	ug/L	97
8) Chloroethane	1.587	64	5512	0.563	ug/L	99
9) Trichlorofluoromethane	1.754	101	13439	0.533	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	7333	0.551	ug/L	93
12) 1,1-Dichloroethene	2.117	96	6825	0.553	ug/L #	75
13) Acetone	2.214	43	6441m	4.268	ug/L	
14) Carbon disulfide	2.294	76	21267	0.586	ug/L	98
15) Methyl Acetate	2.452	43	1539m	0.398	ug/L	
16) Methylene chloride	2.510	84	8206	0.527	ug/L	90
17) Methyl tert-butyl Ether	2.773	73	11893	0.445	ug/L	96
18) trans-1,2-Dichloroethene	2.760	96	6299	0.476	ug/L	88
19) 1,1-Dichloroethane	3.191	63	12071	0.504	ug/L	97
21) 2-Butanone	4.092	43	10571m	4.649	ug/L	
22) cis-1,2-Dichloroethene	3.918	96	6382	0.461	ug/L	98
23) Bromochloromethane	4.252	128	3000	0.479	ug/L	90
25) Chloroform	4.378	83	16632	0.629	ug/L	94
27) 1,2-Dichloroethane	5.140	62	6131	0.433	ug/L	96
29) 1,1,1-Trichloroethane	4.606	97	10274	0.434	ug/L	97
30) Cyclohexane	4.677	56	9235	0.478	ug/L	93
31) Carbon tetrachloride	4.828	117	9627	0.434	ug/L	98
33) Benzene	5.104	78	22513	0.434	ug/L	100
34) Trichloroethene	5.921	95	6941	0.472	ug/L	93
35) Methylcyclohexane	6.127	83	9516	0.447	ug/L	96
37) 1,2-Dichloropropane	6.178	63	6106	0.488	ug/L #	92
38) Bromodichloromethane	6.516	83	8400	0.483	ug/L	91
39) cis-1,3-Dichloropropene	7.034	75	6860	0.377	ug/L	98
40) 4-Methyl-2-pentanone	7.236	43	23629	3.999	ug/L #	86
42) Toluene	7.390	91	22742	0.392	ug/L	96
44) trans-1,3-Dichloropropene	7.661	75	5439	0.348	ug/L	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	4168	0.466	ug/L	92
47) Tetrachloroethene	7.979	164	5266	0.420	ug/L	95
48) 2-Hexanone	8.152	43	15488	3.629	ug/L #	95
49) Dibromochloromethane	8.246	129	4809	0.398	ug/L	97
50) 1,2-Dibromoethane	8.355	107	3682	0.438	ug/L #	96
51) Chlorobenzene	8.882	112	16396	0.429	ug/L	93
52) Ethylbenzene	9.014	91	24374	0.403	ug/L	97
53) m,p-xylene	9.140	106	8889	0.375	ug/L	97
54) o-xylene	9.545	106	7993	0.348	ug/L	85
55) Styrene	9.564	104	12646	0.332	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.242	83	3724	0.385	ug/L	96
59) Bromoform	9.734	173	2604	0.426	ug/L #	94
60) Isopropylbenzene	9.931	105	21419	0.377	ug/L	97
61) 1,2,3-Trichloropropane	10.278	75	3233	0.482	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	16486	0.351	ug/L	96
63) 1,2,4-Trimethylbenzene	10.914	105	16030	0.340	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	11444	0.394	ug/L	95
65) 1,4-Dichlorobenzene	11.271	146	12601	0.432	ug/L	94
67) 1,2-Dichlorobenzene	11.644	146	11464	0.432	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.432	75	654	0.465	ug/L	83
69) 1,3,5-Trichlorobenzene	12.647	180	9006	0.375	ug/L	94
70) 1,2,4-trichlorobenzene	13.262	180	6983	0.373	ug/L	98
71) Naphthalene	13.506	128	7744	0.292	ug/L	97
72) 1,2,3-Trichlorobenzene	13.747	180	5852	0.356	ug/L	99

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

