

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101421\
 Data File : VV022806.D
 Acq On : 14 Oct 2021 20:40
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005310

Manual Integrations
 APPROVED

MMDadoda
 10/15/2021 12:03:03 PM

Quant Time: Oct 15 02:01:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 15 01:58:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	116667	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	119621	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66300	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	38142	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.565	69	33724	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.108	63	59569	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	3.902	46	98099	46.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.22%
24) Chloroform-d	4.349	84	90969	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
26) 1,2-Dichloroethane-d4	5.037	65	41185	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.053	84	173074	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.072	67	54526	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.317	98	164907	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
43) trans-1,3-Dichloroprop...	7.625	79	17865	5.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.20%
46) 2-Hexanone-d5	8.092	63	90307	64.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.12%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42586	5.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.20%
66) 1,2-Dichlorobenzene-d4	11.625	152	62465	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	45909	5.40	ug/L	97
3) Chloromethane	1.240	50	48480	5.67	ug/L	98
5) Vinyl chloride	1.307	62	48176	5.46	ug/L	98
6) Bromomethane	1.519	94	27219	4.94	ug/L	99
8) Chloroethane	1.584	64	26450	4.84	ug/L	98
9) Trichlorofluoromethane	1.751	101	65129	5.04	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	31361	4.17	ug/L	97
12) 1,1-Dichloroethene	2.118	96	29391	4.17	ug/L	85
13) Acetone	2.195	43	51419m	43.81	ug/L	
14) Carbon disulfide	2.291	76	114025	5.76	ug/L	100
15) Methyl Acetate	2.442	43	14828	4.42	ug/L	97
16) Methylene chloride	2.507	84	58032	5.98	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	84743	4.97	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	42552	5.55	ug/L	95
19) 1,1-Dichloroethane	3.191	63	76215	5.52	ug/L	97
21) 2-Butanone	3.989	43	84196	43.82	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	44293	5.50	ug/L	95
23) Bromochloromethane	4.249	128	20429	5.71	ug/L	96
25) Chloroform	4.378	83	80115	5.01	ug/L	97

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27) 1,2-Dichloroethane	5.137	62	41232	5.16	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	69272	5.07	ug/L	99
30) Cyclohexane	4.680	56	59065	4.69	ug/L	99
31) Carbon tetrachloride	4.828	117	61406	5.18	ug/L	100
33) Benzene	5.101	78	168016	5.22	ug/L	100
34) Trichloroethene	5.915	95	42681	4.87	ug/L	97
35) Methylcyclohexane	6.133	83	62857	5.12	ug/L	96
37) 1,2-Dichloropropane	6.175	63	39709	5.12	ug/L	100
38) Bromodichloromethane	6.513	83	51736	5.42	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	54137	5.28	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	228394	54.86	ug/L	98
42) Toluene	7.391	91	183144	5.60	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	45836	5.48	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	30572	5.32	ug/L	96
47) Tetrachloroethene	7.976	164	36516	5.15	ug/L	99
48) 2-Hexanone	8.143	43	167415	55.00	ug/L	97
49) Dibromochloromethane	8.249	129	37712	5.60	ug/L	89
50) 1,2-Dibromoethane	8.355	107	28369	5.28	ug/L	99
51) Chlorobenzene	8.883	112	118699	5.52	ug/L	98
52) Ethylbenzene	9.014	91	183213	5.52	ug/L	100
53) m,p-xylene	9.140	106	74062	5.68	ug/L	97
54) o-xylene	9.545	106	69831	5.70	ug/L	96
55) Styrene	9.561	104	123859	5.86	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	36670	6.30	ug/L	99
59) Bromoform	9.735	173	20610	5.55	ug/L	98
60) Isopropylbenzene	9.934	105	185433	5.51	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	24860	5.40	ug/L	97
62) 1,3,5-Trimethylbenzene	10.542	105	147435	5.42	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	152971	5.62	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	97752	5.53	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	95808	5.34	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	90965	5.49	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	5212	6.22	ug/L	95
69) 1,3,5-Trichlorobenzene	12.648	180	74257	5.58	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	58504	5.75	ug/L	98
71) Naphthalene	13.503	128	94160	5.82	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	55553	5.79	ug/L	99

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

