

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100521\
 Data File : VW022608.D
 Acq On : 06 Oct 2021 07:27
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005296

Manual Integrations
 APPROVED

MMDadoda
 10/7/2021 9:33:56 AM

Quant Time: Oct 06 08:11:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 06 07:50:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	97303	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	96379	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52964	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	16314	5.233	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.600%
7) Chloroethane-d5	1.565	69	23208	5.523	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.400%
11) 1,1-Dichloroethene-d2	2.108	63	48790	5.394	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.800%
20) 2-Butanone-d5	3.908	46	93759	50.877	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.760%
24) Chloroform-d	4.352	84	63034	5.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
26) 1,2-Dichloroethane-d4	5.034	65	31015	5.484	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
32) Benzene-d6	5.050	84	108733	5.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.072	67	37402	4.881	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.317	98	93390	5.129	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
43) trans-1,3-Dichloroprop...	7.625	79	10322	5.090	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.800%
46) 2-Hexanone-d5	8.095	63	80351	63.995	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.000%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31903	5.480	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	41499	5.065	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	41827	5.644	ug/L	95
3) Chloromethane	1.240	50	43567	5.871	ug/L	98
5) Vinyl chloride	1.307	62	44637	5.960	ug/L	98
6) Bromomethane	1.520	94	28879	5.809	ug/L	96
8) Chloroethane	1.584	64	28129	5.906	ug/L	96
9) Trichlorofluoromethane	1.751	101	65396	5.837	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	36743	5.703	ug/L	99
12) 1,1-Dichloroethene	2.114	96	34893	5.854	ug/L	93
13) Acetone	2.188	43	64391m	64.974	ug/L	
14) Carbon disulfide	2.288	76	98531	5.651	ug/L	98
15) Methyl Acetate	2.439	43	15548	5.327	ug/L #	81
16) Methylene chloride	2.500	84	41199	5.999	ug/L	98
17) Methyl tert-butyl Ether	2.773	73	88569	5.847	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	40054	6.166	ug/L	96
19) 1,1-Dichloroethane	3.185	63	67104	5.758	ug/L	99
21) 2-Butanone	3.992	43	77812	49.047	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	39002	5.534	ug/L	92
23) Bromochloromethane	4.246	128	19130	5.766	ug/L	95
25) Chloroform	4.375	83	72318	5.682	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	40289	5.948	ug/L #	94
29) 1,1,1-Trichloroethane	4.606	97	60257	5.472	ug/L	98
30) Cyclohexane	4.670	56	52233	5.235	ug/L	98
31) Carbon tetrachloride	4.825	117	53494	5.476	ug/L	98
33) Benzene	5.098	78	146381	5.636	ug/L	100
34) Trichloroethene	5.915	95	38712	5.129	ug/L	98
35) Methylcyclohexane	6.130	83	52451	4.959	ug/L	97
37) 1,2-Dichloropropane	6.175	63	35584	5.612	ug/L	100
38) Bromodichloromethane	6.513	83	45128	5.616	ug/L	95
39) cis-1,3-Dichloropropene	7.031	75	44750	5.236	ug/L	98
40) 4-Methyl-2-pentanone	7.233	43	232522	66.619	ug/L	99
42) Toluene	7.387	91	157769	5.782	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	39508	5.538	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	27344	5.777	ug/L	94
47) Tetrachloroethene	7.979	164	32813	5.590	ug/L	94
48) 2-Hexanone	8.143	43	171021	68.108	ug/L	100
49) Dibromochloromethane	8.249	129	33435	5.993	ug/L	99
50) 1,2-Dibromoethane	8.355	107	26881	6.109	ug/L #	94
51) Chlorobenzene	8.883	112	101131	5.663	ug/L	98
52) Ethylbenzene	9.014	91	157177	5.613	ug/L	98
53) m,p-xylene	9.140	106	62864	5.888	ug/L	97
54) o-xylene	9.545	106	62289	5.865	ug/L	97
55) Styrene	9.561	104	106977	5.924	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.243	83	30272	5.894	ug/L	98
59) Bromoform	9.735	173	18502	5.955	ug/L	98
60) Isopropylbenzene	9.934	105	161982	5.688	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	23536	5.995	ug/L	97
62) 1,3,5-Trimethylbenzene	10.542	105	129789	5.622	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	133339	5.685	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	84174	5.774	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	84304	5.654	ug/L	97
67) 1,2-Dichlorobenzene	11.645	146	81012	5.965	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	4503	6.001	ug/L	93
69) 1,3,5-Trichlorobenzene	12.648	180	59888	5.488	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	49556	5.658	ug/L	98
71) Naphthalene	13.503	128	84998	5.923	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	47941	5.957	ug/L	96

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

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