

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100821\
 Data File : VW022716.D
 Acq On : 08 Oct 2021 20:55
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005304

Quant Time: Oct 09 01:26:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 09 01:23:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	106692	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	104910	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	60913	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33315	4.539	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.800%
7) Chloroethane-d5	1.564	69	33471	5.074	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.108	63	70984	4.930	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.600%
20) 2-Butanone-d5	3.902	46	92994	48.315	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.640%
24) Chloroform-d	4.349	84	75248	4.974	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.034	65	35523	4.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.050	84	144934	4.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.072	67	43401	4.693	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.317	98	134909	4.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
43) trans-1,3-Dichloroprop...	7.625	79	14282	4.655	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.091	63	70043	56.649	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.300%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33565	5.357	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	54897	4.861	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	42628	5.482	ug/L	98
3) Chloromethane	1.240	50	44999	5.758	ug/L	99
5) Vinyl chloride	1.307	62	45123	5.588	ug/L	100
6) Bromomethane	1.519	94	27456	5.454	ug/L	98
8) Chloroethane	1.584	64	28550	5.715	ug/L	98
9) Trichlorofluoromethane	1.751	101	67310	5.691	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	40539	5.892	ug/L	99
12) 1,1-Dichloroethene	2.117	96	38005	5.897	ug/L	80
13) Acetone	2.191	43	55790	51.981	ug/L #	54
14) Carbon disulfide	2.291	76	103908	5.737	ug/L	99
15) Methyl Acetate	2.439	43	12446	4.053	ug/L	99
16) Methylene chloride	2.507	84	53311	6.010	ug/L	90
17) Methyl tert-butyl Ether	2.767	73	81198	5.207	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	39268	5.603	ug/L	93
19) 1,1-Dichloroethane	3.188	63	68332	5.413	ug/L	98
21) 2-Butanone	3.982	43	87449	49.763	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	39308	5.341	ug/L	98
23) Bromochloromethane	4.252	128	18886	5.776	ug/L	94
25) Chloroform	4.375	83	73030	4.991	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	39230	5.372	ug/L	96
29) 1,1,1-Trichloroethane	4.609	97	62046	5.179	ug/L	98
30) Cyclohexane	4.677	56	53181	4.811	ug/L	99
31) Carbon tetrachloride	4.831	117	54443	5.236	ug/L	99
33) Benzene	5.101	78	151051	5.346	ug/L	100
34) Trichloroethene	5.915	95	39445	5.134	ug/L	97
35) Methylcyclohexane	6.133	83	57592	5.350	ug/L	94
37) 1,2-Dichloropropane	6.175	63	38376	5.647	ug/L	99
38) Bromodichloromethane	6.513	83	46395	5.541	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	47052	5.230	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	214198	58.663	ug/L	99
42) Toluene	7.391	91	167226	5.830	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	40171	5.478	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	27775	5.508	ug/L	98
47) Tetrachloroethene	7.976	164	34299	5.520	ug/L	96
48) 2-Hexanone	8.143	43	162663	60.928	ug/L	97
49) Dibromochloromethane	8.246	129	32702	5.540	ug/L	94
50) 1,2-Dibromoethane	8.355	107	26091	5.541	ug/L	96
51) Chlorobenzene	8.882	112	105201	5.582	ug/L	100
52) Ethylbenzene	9.014	91	163949	5.630	ug/L	100
53) m,p-xylene	9.140	106	68402	5.985	ug/L	96
54) o-xylene	9.545	106	62512	5.814	ug/L	99
55) Styrene	9.561	104	111943	6.042	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	30020	5.884	ug/L	99
59) Bromoform	9.731	173	18088	5.301	ug/L	98
60) Isopropylbenzene	9.934	105	170251	5.503	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	22651	5.352	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	134864	5.395	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	138330	5.529	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	89328	5.501	ug/L	97
65) 1,4-Dichlorobenzene	11.275	146	87403	5.301	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	84043	5.517	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	4000	5.193	ug/L	88
69) 1,3,5-Trichlorobenzene	12.648	180	65198	5.330	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	49779	5.327	ug/L	99
71) Naphthalene	13.503	128	72501	4.881	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	48136	5.463	ug/L	100

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

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