

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081921\
 Data File : VX023837.D
 Acq On : 19 Aug 2021 12:05
 Operator : JC/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 19 19:42:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR081921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 19 11:43:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	123246	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	114271	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	59975	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	22441	4.660	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.673	69	28035	4.749	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.313	63	72010	4.991	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.800%
20) 2-Butanone-d5	4.465	46	88043	45.088	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.180%
24) Chloroform-d	5.068	84	80491	4.856	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.971	65	40081	4.475	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.983	84	151401	4.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	7.318	67	47325	4.776	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	8.653	98	143576	4.757	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	8.952	79	13781	4.997	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.000%
46) 2-Hexanone-d5	9.391	63	71548	47.045	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.100%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	32028	4.516	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.323	152	54135	4.807	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	65004	5.397	ug/L	100
3) Chloromethane	1.295	50	52920	5.363	ug/L	97
5) Vinyl chloride	1.374	62	54735	5.404	ug/L	99
6) Bromomethane	1.612	94	34966	5.489	ug/L	99
8) Chloroethane	1.691	64	31413	5.114	ug/L	96
9) Trichlorofluoromethane	1.892	101	84297	5.361	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	46596	5.419	ug/L	97
12) 1,1-Dichloroethene	2.319	96	42203	5.181	ug/L	91
13) Acetone	2.386	43	60996	50.163	ug/L	92
14) Carbon disulfide	2.514	76	114733	5.243	ug/L	99
15) Methyl Acetate	2.709	43	16843	5.218	ug/L	92
16) Methylene chloride	2.794	84	46826	4.344	ug/L	92
17) Methyl tert-butyl Ether	3.123	73	93522	5.151	ug/L	# 95
18) trans-1,2-Dichloroethene	3.099	96	45632	5.417	ug/L	99
19) 1,1-Dichloroethane	3.617	63	80462	5.336	ug/L	97
21) 2-Butanone	4.568	43	103191	50.744	ug/L	94
22) cis-1,2-Dichloroethene	4.501	96	48962	5.416	ug/L	99
23) Bromochloromethane	4.910	128	20646	5.312	ug/L	95
25) Chloroform	5.105	83	84561	5.230	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.099	62	52493	5.295	ug/L	96
29) 1,1,1-Trichloroethane	5.397	97	74739	5.417	ug/L	98
30) Cyclohexane	5.483	56	74858	5.419	ug/L	98
31) Carbon tetrachloride	5.690	117	63942	5.393	ug/L	99
33) Benzene	6.044	78	183320	5.385	ug/L	100
34) Trichloroethene	7.129	95	49684	5.315	ug/L	99
35) Methylcyclohexane	7.385	83	82066	5.687	ug/L	96
37) 1,2-Dichloropropane	7.440	63	44998	5.305	ug/L	98
38) Bromodichloromethane	7.830	83	52119	5.223	ug/L	99
39) cis-1,3-Dichloropropene	8.373	75	62604	5.436	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	255877	51.996	ug/L	91
42) Toluene	8.720	91	205396	5.583	ug/L	95
44) trans-1,3-Dichloropropene	8.982	75	51190	5.370	ug/L	99
45) 1,1,2-Trichloroethane	9.159	97	30696	5.294	ug/L	97
47) Tetrachloroethene	9.281	164	40923	5.451	ug/L	97
48) 2-Hexanone	9.433	43	185421	52.520	ug/L #	89
49) Dibromochloromethane	9.525	129	32216	5.189	ug/L	96
50) 1,2-Dibromoethane	9.616	107	28053	5.230	ug/L #	93
51) Chlorobenzene	10.086	112	130118	5.444	ug/L	96
52) Ethylbenzene	10.195	91	220223	5.577	ug/L	100
53) m,p-xylene	10.305	106	87093	5.566	ug/L	96
54) o-xylene	10.647	106	82710	5.515	ug/L	99
55) Styrene	10.659	104	139500	5.590	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	33971	5.175	ug/L	99
59) Bromoform	10.805	173	15635	4.954	ug/L #	96
60) Isopropylbenzene	10.964	105	223341	5.558	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	25204	5.158	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	186851	5.657	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	192502	5.717	ug/L	99
64) 1,3-Dichlorobenzene	11.976	146	104042	5.511	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	102120	5.391	ug/L	97
67) 1,2-Dichlorobenzene	12.341	146	92904	5.358	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.945	75	4720	4.890	ug/L	83
69) 1,3,5-Trichlorobenzene	13.116	180	77855	5.511	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	64277	5.708	ug/L	97
71) Naphthalene	13.780	128	103793	5.461	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	57548	5.565	ug/L	97

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

Abundance

TIC: VX023837.D\data.ms

Time-->

Chlorodifluoromethane, T
Vinyl Chloride, T
Chloroethane, T
Bromochloromethane, T
Trichlorofluoromethane, T
Acetone, T
Carbon disulfide, T
Methylene chloride, T
Methyl Acetate, T
Methyl tetrafluoroacetate, T
1,1-Dichloroethane, T
1,1,1-Trichloroethane, T
2-Butanone, T
Dibromodifluoromethane, T
Bromochloromethane, T
Chloroform, T
1,1,1-Trichloroethane, T
Cyclohexane, T
Carbon tetrachloride, T
1,2-Dichloroethane, T
Benzene, T
1,4-Difluorobenzene, I
Trichloroethene, T
1,2-Dichloropropane, S
1-Methylcyclohexane, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
Toluene, T
trans-1,3-Dichloropropene, T
1,1,2-Trichloroethane, T
Tetrachloroethene, T
1,2-Dibromochloromethane, T
Chlorobenzene, T
Ethylbenzene, T
m,p-Xylene, I
Isopropylbenzene, T
1,3,5-Trimethylbenzene, T
1,2,4-Trimethylbenzene, T
1,3-Dichlorobenzene, T
1,2-Dichlorobenzene-d4, S
1,2,4-Trichlorobenzene, T
1,2,3-Trichlorobenzene, T
Naphthalene
1,2-Dibromo-3-chloropropane, T
1,3,5-Trichlorobenzene