

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032123\
 Data File : VW030279.D
 Acq On : 21 Mar 2023 15:44
 Operator : SY/MD
 Sample : 01996-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0A24MS

Quant Time: Mar 22 06:07:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 22 06:04:48 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/22/2023
 Supervised By :Mahesh Dadoda 03/22/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	111999	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	99366	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	57492	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	29954	4.133	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.535	69	27995	4.115	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.072	63	171123	11.486	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	229.800%#
20) 2-Butanone-d5	3.847	46	69833	52.266	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.540%
24) Chloroform-d	4.262	84	69978	4.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	4.957	65	35367	5.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.000%
32) Benzene-d6	4.973	84	116192	4.346	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.002	67	34490	4.288	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.252	98	113206	4.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.564	79	11695	4.250	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.040	63	58320	51.224	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.440%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	24496	4.281	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	43650	4.487	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	34608	3.798	ug/L	99
3) Chloromethane	1.217	50	50537	3.519	ug/L	99
5) Vinyl chloride	1.285	62	38458	4.030	ug/L	99
6) Bromomethane	1.490	94	10011	5.844	ug/L	93
8) Chloroethane	1.552	64	24340	4.186	ug/L	98
9) Trichlorofluoromethane	1.716	101	64910	4.741	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	33260	3.917	ug/L	95
12) 1,1-Dichloroethene	2.072	96	210731	28.037	ug/L #	76
13) Acetone	2.191	43	50017m	50.648	ug/L	
14) Carbon disulfide	2.246	76	59487	2.958	ug/L	99
15) Methyl Acetate	2.397	43	9768	4.235	ug/L #	78
16) Methylene chloride	2.452	84	32972	3.591	ug/L	94
17) Methyl tert-butyl Ether	2.716	73	71617	4.872	ug/L #	93
18) trans-1,2-Dichloroethene	2.703	96	27815	3.890	ug/L	94
19) 1,1-Dichloroethane	3.121	63	74539	5.596	ug/L	97
21) 2-Butanone	3.924	43	61731	46.480	ug/L	87
22) cis-1,2-Dichloroethene	3.825	96	266549	33.727	ug/L	93
23) Bromochloromethane	4.159	128	15047	4.456	ug/L	94
25) Chloroform	4.288	83	112062	8.088	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	41265	5.694	ug/L #	93
29) 1,1,1-Trichloroethane	4.523	97	875527	75.006	ug/L	97
30) Cyclohexane	4.593	56	37494	3.717	ug/L	97
31) Carbon tetrachloride	4.748	117	61389	5.851	ug/L	100
33) Benzene	5.021	78	121230	4.467	ug/L	100
34) Trichloroethene	5.841	95	556342	73.163	ug/L	99
35) Methylcyclohexane	6.063	83	38774	3.369	ug/L	92
37) 1,2-Dichloropropane	6.104	63	29656	4.295	ug/L #	97
38) Bromodichloromethane	6.442	83	45895	5.207	ug/L	98
39) cis-1,3-Dichloropropene	6.963	75	39242	3.883	ug/L	99
40) 4-Methyl-2-pentanone	7.172	43	176760	62.045	ug/L	91
42) Toluene	7.326	91	132757	4.517	ug/L	99
44) trans-1,3-Dichloropropene	7.593	75	32197	4.081	ug/L	95
45) 1,1,2-Trichloroethane	7.783	97	24623	4.984	ug/L	96
47) Tetrachloroethene	7.928	164	10300021	1578.026	ug/L	93
48) 2-Hexanone	8.088	43	114032	55.911	ug/L	91
49) Dibromochloromethane	8.188	129	27763m	4.803	ug/L	
50) 1,2-Dibromoethane	8.294	107	19262	4.179	ug/L #	95
51) Chlorobenzene	8.821	112	82217	4.148	ug/L	99
52) Ethylbenzene	8.956	91	130568	4.082	ug/L	100
53) m,p-Xylene	9.082	106	51325	4.175	ug/L	95
54) o-Xylene	9.487	106	51263	4.365	ug/L	99
55) Styrene	9.506	104	87847	4.498	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	24258	4.390	ug/L #	99
59) Bromoform	9.673	173	16634	4.827	ug/L	99
60) Isopropylbenzene	9.876	105	139636	4.221	ug/L	99
61) 1,2,3-Trichloropropane	10.220	75	17957	4.667	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	113832	4.189	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	117542	4.229	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	75323	4.373	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	71910	4.138	ug/L	98
67) 1,2-Dichlorobenzene	11.590	146	69246	4.553	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.374	75	4470	5.201	ug/L	89
69) 1,3,5-Trichlorobenzene	12.593	180	54605	3.856	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	43978	3.834	ug/L	99
71) Naphthalene	13.448	128	67369	4.494	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	39378	4.170	ug/L	98

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

Reviewed By :Krupa Patel 03/22/2023
Supervised By :Mahesh Dadoda 03/22/2023

Abundance

TIC: VV030279.D\data.ms

Time-->

Chlorodifluoromethane, T
Vinyl chloride, T
Chloroethane, T
Trichlorofluoromethane, T
1,1,1-Trichloroethane, T
Acetone, T
Carbon disulfide, T
Methylene chloride, T
Methyl acetate, T
1,1-Dichloroethane, T
1,1,1-Trichloroethane, T
2,2,2-Trifluoroethane, T
Bromochloromethane, T
Bromodichloromethane, T
Cyclohexane, T
Carbon tetrachloride, T
Benzonitrile, T
1,4-Difluorobenzene, I
Trichloroethene, T
1,2-Dichloroethane, T
Bromochloroethane, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
4-Methyl-2-pentanone, T
Toluene, T
trans-1,3-Dichloropropene, T
1,1,2-Trichloroethane, T
Hexane, T
1,2-Dibromochloroethane, T
Chlorobenzene, T
Chlorobenzene, T
m,p-Xylene, I
o-Xylene, T
Bromobenzene, T
Isopropylbenzene, T
1,2,3-Trichlorobenzene, T
1,3,5-Trimethylbenzene, T
1,2,4-Trimethylbenzene, T
1,3-Dichlorobenzene, T
1,2-Dichlorobenzene, T
1,2-Dibromo-3-chloropropane, T
1,3,5-Trichlorobenzene
1,2,4-trichlorobenzene, T
Naphthalene
1,2,3-Trichlorobenzene, T