

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032123\
 Data File : VW030280.D
 Acq On : 21 Mar 2023 16:09
 Operator : SY/MD
 Sample : 01996-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0A24MSD

Quant Time: Mar 22 06:07:32 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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	122597	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	107094	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	62596	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.282	65	31565	3.979	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.600%
7) Chloroethane-d5	1.536	69	29306	3.936	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.072	63	186882	11.459	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	229.200%#
20) 2-Butanone-d5	3.825	46	76482m	52.294	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.580%
24) Chloroform-d	4.262	84	74458	4.595	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	4.953	65	36300	5.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	4.973	84	124556	4.322	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	5.998	67	35893	4.140	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.800%
41) Toluene-d8	7.252	98	121466	4.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	7.561	79	13048	4.399	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.037	63	58857	47.965	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.940%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	26340	4.271	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.400%
66) 1,2-Dichlorobenzene-d4	11.571	152	46787	4.418	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.108	85	38454	3.855	ug/L	97
3) Chloromethane	1.217	50	53900	3.429	ug/L	95
5) Vinyl chloride	1.285	62	39880	3.818	ug/L	98
6) Bromomethane	1.491	94	10258	5.471	ug/L	98
8) Chloroethane	1.552	64	25146	3.951	ug/L	96
9) Trichlorofluoromethane	1.719	101	72031	4.806	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	37639	4.049	ug/L	96
12) 1,1-Dichloroethene	2.076	96	237399	28.854	ug/L #	74
13) Acetone	2.163	43	53223m	49.236	ug/L	
14) Carbon disulfide	2.246	76	67220	3.054	ug/L	100
15) Methyl Acetate	2.397	43	12125	4.803	ug/L #	83
16) Methylene chloride	2.452	84	32145	3.198	ug/L	91
17) Methyl tert-butyl Ether	2.716	73	73663	4.578	ug/L #	94
18) trans-1,2-Dichloroethene	2.699	96	30129	3.850	ug/L	95
19) 1,1-Dichloroethane	3.121	63	76650	5.257	ug/L	98
21) 2-Butanone	3.915	43	66962	46.060	ug/L	81
22) cis-1,2-Dichloroethene	3.825	96	291785	33.729	ug/L	95
23) Bromochloromethane	4.162	128	15756	4.262	ug/L	97
25) Chloroform	4.288	83	118729	7.828	ug/L	99

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27) 1,2-Dichloroethane	5.053	62	43413	5.472	ug/L	95
29) 1,1,1-Trichloroethane	4.523	97	975112	77.510	ug/L	97
30) Cyclohexane	4.593	56	42667	3.925	ug/L	99
31) Carbon tetrachloride	4.744	117	67590	5.977	ug/L	99
33) Benzene	5.021	78	129501	4.428	ug/L	100
34) Trichloroethene	5.841	95	627229	76.533	ug/L	98
35) Methylcyclohexane	6.059	83	46073	3.715	ug/L	94
37) 1,2-Dichloropropane	6.104	63	32935	4.426	ug/L	98
38) Bromodichloromethane	6.442	83	49095	5.168	ug/L	97
39) cis-1,3-Dichloropropene	6.963	75	41643	3.823	ug/L	97
40) 4-Methyl-2-pentanone	7.172	43	174509	56.835	ug/L	91
42) Toluene	7.323	91	145345	4.588	ug/L	99
44) trans-1,3-Dichloropropene	7.593	75	35815	4.212	ug/L	97
45) 1,1,2-Trichloroethane	7.780	97	24181	4.542	ug/L	98
47) Tetrachloroethene	7.931	164	11537110	1640.007	ug/L	92
48) 2-Hexanone	8.088	43	115049	52.340	ug/L	93
49) Dibromochloromethane	8.188	129	28572m	4.586	ug/L	
50) 1,2-Dibromoethane	8.294	107	20150	4.056	ug/L	96
51) Chlorobenzene	8.821	112	89835	4.205	ug/L	100
52) Ethylbenzene	8.953	91	143585	4.165	ug/L	98
53) m,p-Xylene	9.082	106	57304	4.325	ug/L	95
54) o-Xylene	9.487	106	56462	4.461	ug/L	95
55) Styrene	9.503	104	98028	4.658	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.188	83	24738	4.154	ug/L	95
59) Bromoform	9.673	173	17458	4.653	ug/L	99
60) Isopropylbenzene	9.876	105	155670	4.322	ug/L	99
61) 1,2,3-Trichloropropane	10.220	75	18270	4.361	ug/L	95
62) 1,3,5-Trimethylbenzene	10.487	105	125175	4.231	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	130003	4.296	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	84953	4.530	ug/L	97
65) 1,4-Dichlorobenzene	11.217	146	81527	4.309	ug/L	97
67) 1,2-Dichlorobenzene	11.590	146	75629	4.567	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.378	75	5058	5.406	ug/L #	76
69) 1,3,5-Trichlorobenzene	12.593	180	62003	4.022	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	51226	4.102	ug/L	98
71) Naphthalene	13.448	128	74091	4.540	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	44225	4.302	ug/L	99

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

03/22/2023

Abundance TIC: VV030280.D\data.ms