

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029796.D
 Acq On : 13 Jan 2023 09:41
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005382

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/16/2023
 Supervised By : Mahesh Dadoda 01/16/2023

Quant Time: Jan 13 22:49:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

01/16/2023
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	227311	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	218760	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	126329	5.000	ug/L	0.00

01/16/2023

System Monitoring Compounds

4) Vinyl Chloride-d3	1.301	65	82594	4.791	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.561	69	69768	4.882	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.102	63	147275	4.686	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	3.912	46	151979	49.733	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.460%
24) Chloroform-d	4.336	84	157849	4.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.021	65	66789	4.986	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.037	84	321338	4.952	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.060	67	95541	5.031	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.304	98	300208	4.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
43) trans-1,3-Dichloroprop...	7.613	79	34855	5.025	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.600%
46) 2-Hexanone-d5	8.085	63	146881	52.017	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.040%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	71385	5.129	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	11.612	152	111409	4.851	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.127	85	103648	4.899	ug/L	99
3) Chloromethane	1.237	50	109647	4.925	ug/L	98
5) Vinyl chloride	1.307	62	111203	5.093	ug/L	99
6) Bromomethane	1.516	94	56878	5.351	ug/L	99
8) Chloroethane	1.581	64	67035	5.060	ug/L	99
9) Trichlorofluoromethane	1.748	101	145239	5.079	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	83818	4.975	ug/L	99
12) 1,1-Dichloroethene	2.111	96	85197	4.389	ug/L	98
13) Acetone	2.201	43	109121	50.030	ug/L	97
14) Carbon disulfide	2.285	76	282010	5.047	ug/L	99
15) Methyl Acetate	2.439	43	29812m	5.249	ug/L	
16) Methylene chloride	2.500	84	94089	3.902	ug/L	99
17) Methyl tert-butyl Ether	2.764	73	172254	5.133	ug/L	99
18) trans-1,2-Dichloroethene	2.751	96	92715	5.139	ug/L	97
19) 1,1-Dichloroethane	3.179	63	154043	5.104	ug/L	98
21) 2-Butanone	3.989	43	159871	51.164	ug/L	96
22) cis-1,2-Dichloroethene	3.899	96	94975	4.940	ug/L	99
23) Bromochloromethane	4.236	128	40165	5.059	ug/L	92
25) Chloroform	4.362	83	161283	4.916	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	82608	5.182	ug/L	99
29) 1,1,1-Trichloroethane	4.593	97	142487	5.016	ug/L	100
30) Cyclohexane	4.664	56	141357	5.256	ug/L	98
31) Carbon tetrachloride	4.815	117	123829	5.010	ug/L	99
33) Benzene	5.089	78	378201	5.229	ug/L	100
34) Trichloroethene	5.902	95	93719	5.113	ug/L	98
35) Methylcyclohexane	6.121	83	159453	5.153	ug/L	99
37) 1,2-Dichloropropane	6.162	63	88011	5.196	ug/L	99
38) Bromodichloromethane	6.500	83	111562	5.093	ug/L	98
39) cis-1,3-Dichloropropene	7.018	75	116733	5.139	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	391925	54.221	ug/L	100
42) Toluene	7.378	91	409845	5.254	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	96887	5.293	ug/L	97
45) 1,1,2-Trichloroethane	7.828	97	59444	4.871	ug/L	96
47) Tetrachloroethene	7.963	164	77412	5.016	ug/L	99
48) 2-Hexanone	8.137	43	287665	55.679	ug/L	100
49) Dibromochloromethane	8.236	129	73713	5.147	ug/L	99
50) 1,2-Dibromoethane	8.342	107	54996	5.192	ug/L	97
51) Chlorobenzene	8.870	112	251013	5.068	ug/L	99
52) Ethylbenzene	9.002	91	418087	5.121	ug/L	100
53) m,p-Xylene	9.127	106	166300	5.146	ug/L	97
54) o-Xylene	9.532	106	159064	5.186	ug/L	99
55) Styrene	9.548	104	284417	5.392	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.230	83	71161	5.249	ug/L	98
59) Bromoform	9.719	173	40924	5.001	ug/L	99
60) Isopropylbenzene	9.918	105	421970	5.226	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	49256	5.266	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	355316	5.135	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	363041	5.261	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	210502	5.133	ug/L	100
65) 1,4-Dichlorobenzene	11.259	146	209149	5.117	ug/L	98
67) 1,2-Dichlorobenzene	11.628	146	191385	5.192	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.413	75	10628	4.804	ug/L	86
69) 1,3,5-Trichlorobenzene	12.632	180	167134	5.064	ug/L	98
70) 1,2,4-trichlorobenzene	13.246	180	133552	5.178	ug/L	99
71) Naphthalene	13.490	128	165581	4.955	ug/L	100
72) 1,2,3-Trichlorobenzene	13.728	180	111579	5.212	ug/L	100

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

