

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022324\
 Data File : VW034361.D
 Acq On : 23 Feb 2024 08:48
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005367

Quant Time: Feb 24 00:37:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 23 01:14:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	79038	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	73067	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	37070	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33559	5.482	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 109.600%	
7) Chloroethane-d5	1.536	69	27039	5.043	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 100.800%	
11) 1,1-Dichloroethene-d2	2.060	65	15299	5.183	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 103.600%	
20) 2-Butanone-d5	3.822	46	48410	47.089	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 94.180%	
24) Chloroform-d	4.249	84	59711	5.368	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 107.400%	
26) 1,2-Dichloroethane-d4	4.944	65	26719	5.140	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 102.800%	
32) Benzene-d6	4.960	84	109105	4.977	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 99.600%	
36) 1,2-Dichloropropane-d6	5.989	67	29072	4.744	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 94.800%	
41) Toluene-d8	7.243	98	102668	5.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 102.000%	
43) trans-1,3-Dichloroprop...	7.558	79	10393	4.492	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 89.800%	
46) 2-Hexanone-d5	8.027	63	35861	43.415	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 86.840%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	18257	4.914	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 98.200%	
66) 1,2-Dichlorobenzene-d4	11.561	152	32630	4.840	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 96.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	32512	4.489	ug/L	97
3) Chloromethane	1.217	50	37496	4.746	ug/L	98
5) Vinyl chloride	1.285	62	35570	4.712	ug/L	100
6) Bromomethane	1.491	94	14862	3.738	ug/L	95
8) Chloroethane	1.552	64	22639	4.396	ug/L	98
9) Trichlorofluoromethane	1.716	101	61050	5.611	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	32858	5.778	ug/L	98
12) 1,1-Dichloroethene	2.069	96	30163	5.463	ug/L	98
13) Acetone	2.146	43	47420	60.800	ug/L #	56
14) Carbon disulfide	2.240	76	86985	4.869	ug/L	100
15) Methyl Acetate	2.384	43	8556	4.635	ug/L	95
16) Methylene chloride	2.449	84	29893	5.642	ug/L	99
17) Methyl tert-butyl Ether	2.706	73	63567	5.603	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	30686	5.456	ug/L	98
19) 1,1-Dichloroethane	3.111	63	57668	5.580	ug/L	97
21) 2-Butanone	3.899	43	55976	54.310	ug/L #	64
22) cis-1,2-Dichloroethene	3.815	96	32396	5.077	ug/L	98
23) Bromochloromethane	4.150	128	12678	5.716	ug/L	95
25) Chloroform	4.275	83	60855	5.826	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	34816	5.821	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	55830	5.691	ug/L	100
30) Cyclohexane	4.580	56	47280	4.956	ug/L	98
31) Carbon tetrachloride	4.735	117	49319	5.746	ug/L	100
33) Benzene	5.008	78	121428	5.541	ug/L	100
34) Trichloroethene	5.834	95	32280	5.089	ug/L	97
35) Methylcyclohexane	6.050	83	51066	5.129	ug/L	97
37) 1,2-Dichloropropane	6.092	63	26825	5.053	ug/L	99
38) Bromodichloromethane	6.432	83	38131	5.472	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	38383	4.752	ug/L	96
40) 4-Methyl-2-pentanone	7.159	43	134975	53.097	ug/L	98
42) Toluene	7.313	91	132471	5.656	ug/L	96
44) trans-1,3-Dichloropropene	7.584	75	30444	4.909	ug/L	94
45) 1,1,2-Trichloroethane	7.770	97	17651	5.385	ug/L	98
47) Tetrachloroethene	7.905	164	26104	5.065	ug/L	96
48) 2-Hexanone	8.079	43	94938	52.983	ug/L	99
49) Dibromochloromethane	8.175	129	21150	5.430	ug/L	100
50) 1,2-Dibromoethane	8.284	107	16522	5.616	ug/L	96
51) Chlorobenzene	8.812	112	82019	5.538	ug/L	100
52) Ethylbenzene	8.944	91	149141	5.532	ug/L	100
53) m,p-Xylene	9.072	106	55339	5.432	ug/L	95
54) o-Xylene	9.477	106	54696	5.567	ug/L	98
55) Styrene	9.497	104	86506	5.499	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	19304	5.580	ug/L	99
59) Bromoform	9.667	173	9240	4.525	ug/L	98
60) Isopropylbenzene	9.866	105	141427	5.156	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	13995	5.491	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	124613	5.374	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	123372	5.476	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	66139	5.530	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	60384	5.099	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	56559	5.506	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	2776	5.198	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	48520	5.242	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	37298	5.162	ug/L	99
71) Naphthalene	13.442	128	46827	4.946	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	30833	5.326	ug/L	97

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

