

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011224\
 Data File : VW033626.D
 Acq On : 13 Jan 2024 03:50
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005322

Quant Time: Jan 13 04:08:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 13 00:29:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	121974	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	112539	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	56361	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	31610	4.739	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.536	69	27352	4.624	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.060	65	14696	4.889	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.800%
20) 2-Butanone-d5	3.809	46	86817	53.237	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.480%
24) Chloroform-d	4.253	84	70163	4.864	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	4.947	65	33442	5.171	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	4.963	84	130751	4.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	5.992	67	42077	4.648	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.246	98	115190	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	7.558	79	14349	4.585	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.027	63	70250	57.169	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.340%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	27706	5.238	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	43181	4.990	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	51764	4.658	ug/L	99
3) Chloromethane	1.214	50	61696	4.631	ug/L	99
5) Vinyl chloride	1.285	62	60888	4.799	ug/L	97
6) Bromomethane	1.491	94	21258	3.350	ug/L	98
8) Chloroethane	1.552	64	42866	5.563	ug/L	92
9) Trichlorofluoromethane	1.716	101	77241	5.010	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	41473	4.787	ug/L	99
12) 1,1-Dichloroethene	2.073	96	41131	4.784	ug/L	98
13) Acetone	2.137	43	58476	44.170	ug/L	92
14) Carbon disulfide	2.243	76	149326	4.694	ug/L	99
15) Methyl Acetate	2.388	43	16911	5.344	ug/L	100
16) Methylene chloride	2.449	84	49389	4.867	ug/L	99
17) Methyl tert-butyl Ether	2.706	73	102976	5.289	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	47153	4.855	ug/L	99
19) 1,1-Dichloroethane	3.114	63	94942	4.920	ug/L	99
21) 2-Butanone	3.892	43	92581	50.380	ug/L	99
22) cis-1,2-Dichloroethene	3.818	96	49589	4.876	ug/L	96
23) Bromochloromethane	4.153	128	18990	5.120	ug/L	95
25) Chloroform	4.278	83	88766	5.009	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	53395	5.288	ug/L	97
29) 1,1,1-Trichloroethane	4.513	97	77748	4.872	ug/L	98
30) Cyclohexane	4.584	56	87491	4.575	ug/L	98
31) Carbon tetrachloride	4.735	117	67244	4.943	ug/L	98
33) Benzene	5.011	78	194105	4.858	ug/L	100
34) Trichloroethene	5.834	95	50353	4.734	ug/L	97
35) Methylcyclohexane	6.050	83	81586	4.532	ug/L	98
37) 1,2-Dichloropropane	6.095	63	49053	4.944	ug/L	99
38) Bromodichloromethane	6.436	83	60503	5.003	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	67431	4.759	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	244511	53.605	ug/L	98
42) Toluene	7.317	91	206543	4.888	ug/L	100
44) trans-1,3-Dichloropropene	7.584	75	53545	4.689	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	28023	5.083	ug/L	97
47) Tetrachloroethene	7.905	164	36582	4.787	ug/L	98
48) 2-Hexanone	8.079	43	169833	50.825	ug/L	98
49) Dibromochloromethane	8.178	129	34510	5.028	ug/L	100
50) 1,2-Dibromoethane	8.285	107	26848	5.276	ug/L	95
51) Chlorobenzene	8.815	112	124681	4.817	ug/L	99
52) Ethylbenzene	8.947	91	235201	4.802	ug/L	99
53) m,p-Xylene	9.072	106	85855	4.757	ug/L	98
54) o-Xylene	9.481	106	84708	4.823	ug/L	99
55) Styrene	9.497	104	138047	4.932	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	32741	5.412	ug/L	97
59) Bromoform	9.667	173	17231	5.065	ug/L	98
60) Isopropylbenzene	9.866	105	220321	4.941	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	24431	5.407	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	186590	4.843	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	191397	4.921	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	97101	4.924	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	94805	4.909	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	85993	5.017	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	5172	5.209	ug/L	89
69) 1,3,5-Trichlorobenzene	12.583	180	71663	4.681	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	58451	4.582	ug/L	99
71) Naphthalene	13.442	128	78112	3.669	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	46390	4.535	ug/L	96

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

