

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW013024\
 Data File : VW033904.D
 Acq On : 30 Jan 2024 09:14
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005335

Quant Time: Jan 30 09:37:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 30 03:43:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	102894	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	92655	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	46477	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	35562	4.463	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.200%
7) Chloroethane-d5	1.536	69	33875	4.853	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.060	65	17455	4.542	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	3.818	46	66671	49.816	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.640%
24) Chloroform-d	4.249	84	72156	4.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	4.944	65	33309	4.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	4.960	84	136979	4.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	5.989	67	38748	4.986	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.243	98	123969	4.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	7.555	79	13702	4.670	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.027	63	49049	46.827	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.660%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	23282	4.942	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	42343	5.009	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	46870	4.971	ug/L	100
3) Chloromethane	1.217	50	46958	4.566	ug/L	98
5) Vinyl chloride	1.285	62	48509	4.936	ug/L	97
6) Bromomethane	1.491	94	22631	4.373	ug/L	95
8) Chloroethane	1.552	64	30421	4.537	ug/L	100
9) Trichlorofluoromethane	1.716	101	70718	4.993	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	37346	5.044	ug/L	100
12) 1,1-Dichloroethene	2.069	96	35921	4.997	ug/L	97
13) Acetone	2.146	43	40503	39.891	ug/L #	35
14) Carbon disulfide	2.243	76	111525	4.795	ug/L	100
15) Methyl Acetate	2.391	43	10014	4.167	ug/L	91
16) Methylene chloride	2.449	84	35585	5.160	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	70358	4.764	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	35489	4.847	ug/L	96
19) 1,1-Dichloroethane	3.111	63	67442	5.013	ug/L	97
21) 2-Butanone	3.905	43	60617	45.177	ug/L #	65
22) cis-1,2-Dichloroethene	3.815	96	38121	4.589	ug/L	95
23) Bromochloromethane	4.150	128	14350	4.969	ug/L	97
25) Chloroform	4.275	83	67862	4.990	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	37764	4.850	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	63850	5.133	ug/L	99
30) Cyclohexane	4.580	56	61576	5.090	ug/L	100
31) Carbon tetrachloride	4.735	117	55734	5.120	ug/L	98
33) Benzene	5.011	78	141431	5.089	ug/L	100
34) Trichloroethene	5.834	95	38736	4.816	ug/L	98
35) Methylcyclohexane	6.050	83	64775	5.131	ug/L	98
37) 1,2-Dichloropropane	6.092	63	33390	4.960	ug/L	99
38) Bromodichloromethane	6.432	83	44437	5.029	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	50805	4.960	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	155464	48.228	ug/L	100
42) Toluene	7.313	91	153867	5.180	ug/L	96
44) trans-1,3-Dichloropropene	7.584	75	38468	4.891	ug/L	97
45) 1,1,2-Trichloroethane	7.770	97	20042	4.822	ug/L	99
47) Tetrachloroethene	7.905	164	30610	4.684	ug/L	97
48) 2-Hexanone	8.079	43	108818	47.890	ug/L	97
49) Dibromochloromethane	8.175	129	24587	4.978	ug/L	99
50) 1,2-Dibromoethane	8.284	107	18546	4.971	ug/L #	92
51) Chlorobenzene	8.815	112	96269	5.126	ug/L	98
52) Ethylbenzene	8.947	91	177426	5.190	ug/L	98
53) m,p-Xylene	9.072	106	66271	5.130	ug/L	98
54) o-Xylene	9.477	106	63862	5.126	ug/L	98
55) Styrene	9.497	104	103824	5.205	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	21637	4.932	ug/L	95
59) Bromoform	9.664	173	12962	5.063	ug/L	100
60) Isopropylbenzene	9.866	105	176913	5.144	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	16102	5.039	ug/L	96
62) 1,3,5-Trimethylbenzene	10.474	105	150486	5.176	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	148889	5.271	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	76729	5.117	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	75383	5.077	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	65335	5.073	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.368	75	3224	4.815	ug/L	91
69) 1,3,5-Trichlorobenzene	12.580	180	60688	5.230	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	45314	5.002	ug/L	98
71) Naphthalene	13.439	128	53981	4.548	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	36881	5.081	ug/L	99

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

