

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020924\
 Data File : VW034123.D
 Acq On : 09 Feb 2024 19:40
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005347

Quant Time: Feb 09 23:18:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 22:58:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	77419	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	72120	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	37739	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	26997	4.503	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.000%
7) Chloroethane-d5	1.532	69	22429	4.271	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.060	65	12903	4.462	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	3.793	46	44889	44.577	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.160%
24) Chloroform-d	4.252	84	51006	4.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	4.947	65	24211	4.755	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	4.963	84	91320	4.220	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	5.992	67	24459	4.044	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.800%
41) Toluene-d8	7.246	98	87481	4.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	7.558	79	10402	4.555	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.024	63	37681	46.217	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.440%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	16507	4.502	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	30790	4.486	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	32354	4.560	ug/L	98
3) Chloromethane	1.214	50	34529	4.462	ug/L	100
5) Vinyl chloride	1.281	62	34191	4.624	ug/L	89
6) Bromomethane	1.487	94	19786	5.081	ug/L	97
8) Chloroethane	1.548	64	22069	4.375	ug/L	97
9) Trichlorofluoromethane	1.712	101	55613	5.219	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	27714	4.975	ug/L	99
12) 1,1-Dichloroethene	2.069	96	27118	5.014	ug/L	97
13) Acetone	2.114	43	35985	47.103	ug/L #	38
14) Carbon disulfide	2.240	76	74909	4.281	ug/L	98
15) Methyl Acetate	2.378	43	9452	5.228	ug/L	96
16) Methylene chloride	2.449	84	25177	4.852	ug/L	94
17) Methyl tert-butyl Ether	2.706	73	60426	5.438	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	26098	4.738	ug/L	99
19) 1,1-Dichloroethane	3.111	63	49991	4.939	ug/L	98
21) 2-Butanone	3.873	43	47081	46.635	ug/L #	54
22) cis-1,2-Dichloroethene	3.818	96	28560	4.570	ug/L	98
23) Bromochloromethane	4.150	128	11691	5.381	ug/L	93
25) Chloroform	4.278	83	51866	5.069	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	32112	5.481	ug/L	97
29) 1,1,1-Trichloroethane	4.513	97	49751	5.138	ug/L	98
30) Cyclohexane	4.584	56	40932	4.347	ug/L	98
31) Carbon tetrachloride	4.735	117	43579	5.144	ug/L	98
33) Benzene	5.011	78	103548	4.787	ug/L	100
34) Trichloroethene	5.838	95	28054	4.481	ug/L	96
35) Methylcyclohexane	6.050	83	43234	4.400	ug/L	96
37) 1,2-Dichloropropane	6.095	63	24525	4.680	ug/L	100
38) Bromodichloromethane	6.436	83	35108	5.104	ug/L	97
39) cis-1,3-Dichloropropene	6.957	75	38528	4.833	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	128806	51.335	ug/L	98
42) Toluene	7.317	91	113090	4.892	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	30045	4.908	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	16883	5.218	ug/L	96
47) Tetrachloroethene	7.905	164	22442	4.412	ug/L	95
48) 2-Hexanone	8.075	43	88176	49.855	ug/L	98
49) Dibromochloromethane	8.178	129	19369	5.038	ug/L	96
50) 1,2-Dibromoethane	8.284	107	15476	5.329	ug/L #	97
51) Chlorobenzene	8.815	112	71590	4.898	ug/L	98
52) Ethylbenzene	8.947	91	129721	4.875	ug/L	99
53) m,p-Xylene	9.075	106	49065	4.879	ug/L	97
54) o-Xylene	9.477	106	47850	4.935	ug/L	97
55) Styrene	9.497	104	79920	5.147	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	18098	5.300	ug/L	96
59) Bromoform	9.667	173	10346	4.976	ug/L	95
60) Isopropylbenzene	9.866	105	131910	4.724	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	12812	4.938	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	110708	4.690	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	109936	4.793	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	60071	4.934	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	59030	4.896	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	54045	5.168	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	3133	5.762	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	45900	4.871	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	38195	5.193	ug/L	99
71) Naphthalene	13.442	128	61257	6.356	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	33201	5.633	ug/L	98

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

