

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022124\
 Data File : VW034331.D
 Acq On : 21 Feb 2024 20:01
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005364

Quant Time: Feb 22 00:25:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 22 00:18:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	77882	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	70886	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	36618	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	19511	3.235	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.600%
7) Chloroethane-d5	1.535	69	19713	3.731	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	2.059	65	10422	3.583	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	3.812	46	55718	55.002	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.000%
24) Chloroform-d	4.249	84	53034	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	4.947	65	26048	5.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	4.963	84	91405	4.298	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	5.989	67	27517	4.629	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.243	98	84063	4.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	7.558	79	9105	4.056	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.027	63	41875	52.256	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.520%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	19031	5.280	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	30878	4.637	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	28570	4.003	ug/L	98
3) Chloromethane	1.217	50	33021	4.242	ug/L	99
5) Vinyl chloride	1.285	62	32347	4.348	ug/L	95
6) Bromomethane	1.490	94	12925	3.299	ug/L	95
8) Chloroethane	1.551	64	23047	4.541	ug/L	92
9) Trichlorofluoromethane	1.715	101	57440	5.358	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	29280	5.225	ug/L	99
12) 1,1-Dichloroethene	2.069	96	27611	5.075	ug/L	94
13) Acetone	2.137	43	43388	56.456	ug/L #	42
14) Carbon disulfide	2.240	76	77951	4.428	ug/L	100
15) Methyl Acetate	2.391	43	9612	5.285	ug/L	99
16) Methylene chloride	2.449	84	29523	5.655	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	62241	5.568	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	28397	5.124	ug/L	98
19) 1,1-Dichloroethane	3.114	63	53452	5.249	ug/L	96
21) 2-Butanone	3.895	43	53787	52.961	ug/L #	54
22) cis-1,2-Dichloroethene	3.818	96	30656	4.876	ug/L	95
23) Bromochloromethane	4.153	128	12272	5.615	ug/L	98
25) Chloroform	4.278	83	55304	5.373	ug/L	95

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27) 1,2-Dichloroethane	5.046	62	33130	5.621	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	52080	5.472	ug/L	99
30) Cyclohexane	4.583	56	43362	4.685	ug/L	96
31) Carbon tetrachloride	4.735	117	44902	5.392	ug/L	99
33) Benzene	5.011	78	112725	5.302	ug/L	100
34) Trichloroethene	5.834	95	30393	4.939	ug/L	96
35) Methylcyclohexane	6.050	83	45605	4.722	ug/L	96
37) 1,2-Dichloropropane	6.095	63	25011	4.856	ug/L	99
38) Bromodichloromethane	6.432	83	35655	5.274	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	34099	4.351	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	137237	55.648	ug/L	97
42) Toluene	7.316	91	124050	5.459	ug/L	94
44) trans-1,3-Dichloropropene	7.583	75	27274	4.533	ug/L	97
45) 1,1,2-Trichloroethane	7.770	97	17158	5.395	ug/L	97
47) Tetrachloroethene	7.905	164	24366	4.873	ug/L	94
48) 2-Hexanone	8.079	43	96651	55.598	ug/L	99
49) Dibromochloromethane	8.175	129	19363	5.124	ug/L	97
50) 1,2-Dibromoethane	8.284	107	15858	5.556	ug/L	97
51) Chlorobenzene	8.815	112	78755	5.482	ug/L	96
52) Ethylbenzene	8.947	91	138546	5.297	ug/L	100
53) m,p-Xylene	9.072	106	51821	5.243	ug/L	99
54) o-Xylene	9.477	106	51376	5.390	ug/L	99
55) Styrene	9.496	104	82991	5.438	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	18847	5.615	ug/L	100
59) Bromoform	9.667	173	8513	4.220	ug/L	97
60) Isopropylbenzene	9.866	105	132110	4.876	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	13860	5.506	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	114670	5.006	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	115059	5.170	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	61271	5.186	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	59103	5.052	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	56084	5.528	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	2608	4.943	ug/L	90
69) 1,3,5-Trichlorobenzene	12.583	180	44508	4.868	ug/L	100
70) 1,2,4-trichlorobenzene	13.200	180	35222	4.935	ug/L	99
71) Naphthalene	13.442	128	48359	5.171	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	29642	5.183	ug/L	97

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

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