

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022224\
 Data File : VW034359.D
 Acq On : 22 Feb 2024 20:09
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005366

Quant Time: Feb 23 01:21:27 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	5.539	114	76015	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	72167	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	36911	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	17806	3.025	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.400%
7) Chloroethane-d5	1.536	69	18476	3.583	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	2.060	65	9689	3.413	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	3.818	46	59958	60.641	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.280%
24) Chloroform-d	4.252	84	52118	4.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	4.944	65	26162	5.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	4.963	84	88874	4.105	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	5.989	67	26796	4.427	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.243	98	81019	4.071	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	7.558	79	9508	4.160	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.030	63	44904	55.041	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.080%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	19808	5.398	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	31483	4.690	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	28945	4.155	ug/L	97
3) Chloromethane	1.217	50	35807	4.712	ug/L	97
5) Vinyl chloride	1.285	62	33209	4.574	ug/L	98
6) Bromomethane	1.490	94	13807	3.611	ug/L	99
8) Chloroethane	1.552	64	20659	4.171	ug/L	99
9) Trichlorofluoromethane	1.716	101	57600	5.505	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	29749	5.439	ug/L	98
12) 1,1-Dichloroethene	2.069	96	28849	5.433	ug/L	93
13) Acetone	2.143	43	44302	59.061	ug/L #	34
14) Carbon disulfide	2.243	76	81928	4.768	ug/L	98
15) Methyl Acetate	2.391	43	9260	5.216	ug/L	92
16) Methylene chloride	2.449	84	42124	8.267	ug/L	96
17) Methyl tert-butyl Ether	2.709	73	64577	5.919	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	28836	5.331	ug/L	98
19) 1,1-Dichloroethane	3.114	63	55041	5.538	ug/L	98
21) 2-Butanone	3.899	43	57827	58.338	ug/L #	53
22) cis-1,2-Dichloroethene	3.818	96	30968	5.046	ug/L	96
23) Bromochloromethane	4.153	128	13007	6.097	ug/L	88
25) Chloroform	4.278	83	56161	5.590	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	34965	6.078	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	52379	5.406	ug/L	98
30) Cyclohexane	4.587	56	43746	4.643	ug/L	97
31) Carbon tetrachloride	4.738	117	45253	5.338	ug/L	99
33) Benzene	5.011	78	114289	5.280	ug/L	100
34) Trichloroethene	5.834	95	29511	4.711	ug/L	96
35) Methylcyclohexane	6.050	83	45761	4.654	ug/L	97
37) 1,2-Dichloropropane	6.095	63	27371	5.220	ug/L	100
38) Bromodichloromethane	6.436	83	36271	5.270	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	36222	4.540	ug/L	96
40) 4-Methyl-2-pentanone	7.159	43	141424	56.327	ug/L	98
42) Toluene	7.317	91	124340	5.375	ug/L	97
44) trans-1,3-Dichloropropene	7.583	75	29823	4.869	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	17991	5.557	ug/L	94
47) Tetrachloroethene	7.905	164	24597	4.832	ug/L	95
48) 2-Hexanone	8.079	43	99925	56.461	ug/L	99
49) Dibromochloromethane	8.178	129	19610	5.097	ug/L	96
50) 1,2-Dibromoethane	8.284	107	16256	5.594	ug/L #	99
51) Chlorobenzene	8.815	112	78035	5.335	ug/L	98
52) Ethylbenzene	8.947	91	140934	5.293	ug/L	99
53) m,p-Xylene	9.072	106	52204	5.188	ug/L	92
54) o-Xylene	9.477	106	52190	5.379	ug/L	100
55) Styrene	9.497	104	85065	5.475	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	19653	5.751	ug/L	97
59) Bromoform	9.667	173	8549	4.204	ug/L	99
60) Isopropylbenzene	9.866	105	134650	4.930	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	14624	5.763	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	117988	5.110	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	118331	5.274	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	64095	5.382	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	60279	5.112	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	57221	5.595	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	3296	6.198	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	46605	5.057	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	37488	5.211	ug/L	97
71) Naphthalene	13.442	128	56228	5.965	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	33672	5.841	ug/L	99

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

