

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070522\
 Data File : VW026657.D
 Acq On : 05 Jul 2022 20:43
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005342

Quant Time: Jul 06 00:31:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 06 00:22:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.629	114	209770	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	199523	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	105948	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	72111	4.275	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.584	69	60195	4.442	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.124	63	135230	4.511	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	3.928	46	89603	53.424	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.840%
24) Chloroform-d	4.365	84	124763	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.047	65	47958	4.515	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.063	84	245033	4.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.079	67	69877	4.434	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.320	98	231291	4.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	7.629	79	19649	4.823	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.095	63	68504	44.150	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.300%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46402	4.501	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	72339	4.126	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.147	85	70004	4.383	ug/L	99
3) Chloromethane	1.256	50	75282	4.309	ug/L	99
5) Vinyl chloride	1.323	62	83432	4.486	ug/L	97
6) Bromomethane	1.539	94	45495	4.519	ug/L	94
8) Chloroethane	1.600	64	58172	4.599	ug/L	98
9) Trichlorofluoromethane	1.767	101	122266	4.713	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	74275	4.833	ug/L	100
12) 1,1-Dichloroethene	2.134	96	67672	4.776	ug/L	94
13) Acetone	2.214	43	71015	66.742	ug/L	97
14) Carbon disulfide	2.307	76	165023	4.415	ug/L	98
15) Methyl Acetate	2.462	43	17210	5.609	ug/L	99
16) Methylene chloride	2.523	84	75632	5.029	ug/L	98
17) Methyl tert-butyl Ether	2.790	73	117799	5.101	ug/L	99
18) trans-1,2-Dichloroethene	2.777	96	69023	4.775	ug/L	96
19) 1,1-Dichloroethane	3.208	63	128225	4.940	ug/L	100
21) 2-Butanone	4.011	43	95921	59.925	ug/L	88
22) cis-1,2-Dichloroethene	3.931	96	70771	4.930	ug/L	100
23) Bromochloromethane	4.269	128	32476	5.494	ug/L	92
25) Chloroform	4.394	83	139888	5.038	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.146	62	65237	5.279	ug/L	99
29) 1,1,1-Trichloroethane	4.622	97	120245	4.898	ug/L	99
30) Cyclohexane	4.690	56	82821	4.261	ug/L	99
31) Carbon tetrachloride	4.841	117	99950	4.853	ug/L	99
33) Benzene	5.111	78	284302	4.880	ug/L	100
34) Trichloroethene	5.925	95	71123	4.644	ug/L	97
35) Methylcyclohexane	6.140	83	98111	4.330	ug/L	99
37) 1,2-Dichloropropane	6.182	63	67181	4.784	ug/L	99
38) Bromodichloromethane	6.516	83	84627	5.106	ug/L	97
39) cis-1,3-Dichloropropene	7.034	75	73794	5.229	ug/L	98
40) 4-Methyl-2-pentanone	7.233	43	265880	56.060	ug/L	97
42) Toluene	7.394	91	305823	5.085	ug/L	99
44) trans-1,3-Dichloropropene	7.658	75	59763	5.693	ug/L	96
45) 1,1,2-Trichloroethane	7.844	97	49199	5.556	ug/L	97
47) Tetrachloroethene	7.979	164	57616	4.725	ug/L	99
48) 2-Hexanone	8.143	43	192782	58.392	ug/L	98
49) Dibromochloromethane	8.249	129	51947	5.794	ug/L	99
50) 1,2-Dibromoethane	8.358	107	42040	5.340	ug/L	97
51) Chlorobenzene	8.883	112	193046	4.900	ug/L	99
52) Ethylbenzene	9.014	91	294806	4.740	ug/L	99
53) m,p-Xylene	9.140	106	118365	4.878	ug/L	97
54) o-Xylene	9.545	106	110343	4.845	ug/L	100
55) Styrene	9.561	104	198294	5.256	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	55809	5.645	ug/L	98
59) Bromoform	9.735	173	22628	5.796	ug/L	98
60) Isopropylbenzene	9.934	105	302568	4.631	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	36250	5.284	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	231179	4.476	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	231072	4.537	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	154365	4.857	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	154582	4.898	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	135866	5.024	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6844	5.562	ug/L	90
69) 1,3,5-Trichlorobenzene	12.645	180	108314	4.740	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	76639	4.749	ug/L	96
71) Naphthalene	13.500	128	102519	4.870	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	67174	5.086	ug/L	100

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

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