

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071822\
 Data File : VW026805.D
 Acq On : 18 Jul 2022 10:07
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005357

Quant Time: Jul 19 03:02:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 16 00:49:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	235671	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	242432	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	128945	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	83015	3.861	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.200%
7) Chloroethane-d5	1.561	69	76130	4.098	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.000%
11) 1,1-Dichloroethene-d2	2.101	63	168425	4.080	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	3.886	46	145487	43.357	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.720%
24) Chloroform-d	4.339	84	177326	4.717	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.027	65	76436	4.654	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.043	84	311774	4.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.066	67	99422	4.501	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.310	98	283753	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	7.619	79	33390	4.621	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.088	63	147988	47.300	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.600%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	80452	4.676	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	99907	4.447	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	155060	5.175	ug/L	98
3) Chloromethane	1.237	50	139921	4.867	ug/L	99
5) Vinyl chloride	1.304	62	147502	5.039	ug/L	99
6) Bromomethane	1.513	94	77462	4.421	ug/L	98
8) Chloroethane	1.577	64	89710	5.201	ug/L	95
9) Trichlorofluoromethane	1.745	101	198480	5.335	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	116252	5.455	ug/L	99
12) 1,1-Dichloroethene	2.111	96	108215	5.237	ug/L	89
13) Acetone	2.179	43	110824	39.254	ug/L #	30
14) Carbon disulfide	2.285	76	320636	5.267	ug/L	99
15) Methyl Acetate	2.429	43	34258	6.000	ug/L	100
16) Methylene chloride	2.497	84	135437	5.503	ug/L	98
17) Methyl tert-butyl Ether	2.764	73	191594	5.382	ug/L	100
18) trans-1,2-Dichloroethene	2.751	96	109487	5.765	ug/L	94
19) 1,1-Dichloroethane	3.182	63	201336	5.805	ug/L	99
21) 2-Butanone	3.973	43	166025	50.424	ug/L	97
22) cis-1,2-Dichloroethene	3.902	96	105626	5.514	ug/L	98
23) Bromochloromethane	4.240	128	50885	5.766	ug/L	96
25) Chloroform	4.365	83	209247	5.760	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	103886	5.308	ug/L	98
29) 1,1,1-Trichloroethane	4.600	97	180581	5.527	ug/L	99
30) Cyclohexane	4.667	56	139464	5.010	ug/L	98
31) Carbon tetrachloride	4.818	117	159353	5.523	ug/L	98
33) Benzene	5.092	78	442858	5.464	ug/L	100
34) Trichloroethene	5.908	95	106416	5.342	ug/L	98
35) Methylcyclohexane	6.127	83	157618	5.184	ug/L	99
37) 1,2-Dichloropropane	6.169	63	109185	5.634	ug/L	100
38) Bromodichloromethane	6.506	83	138726	5.491	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	130036	5.399	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	487405	54.444	ug/L	99
42) Toluene	7.384	91	462103	5.645	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	115426	5.836	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	77560	5.474	ug/L	97
47) Tetrachloroethene	7.973	164	87206	5.582	ug/L	98
48) 2-Hexanone	8.137	43	371857	57.391	ug/L	99
49) Dibromochloromethane	8.243	129	91846	5.625	ug/L	100
50) 1,2-Dibromoethane	8.349	107	68695	5.480	ug/L	99
51) Chlorobenzene	8.879	112	287056	5.547	ug/L	97
52) Ethylbenzene	9.008	91	429450	5.301	ug/L	99
53) m,p-Xylene	9.137	106	174367	5.535	ug/L	98
54) o-Xylene	9.542	106	162635	5.432	ug/L	98
55) Styrene	9.558	104	296369	5.649	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	91060	5.430	ug/L	98
59) Bromoform	9.728	173	44392	5.366	ug/L	98
60) Isopropylbenzene	9.931	105	428823	5.332	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	61982	5.212	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	322032	5.033	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	336874	5.185	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	218355	5.541	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	217575	5.430	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	196935	5.352	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	11985	4.754	ug/L	86
69) 1,3,5-Trichlorobenzene	12.641	180	145588	5.227	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	104984	4.956	ug/L	96
71) Naphthalene	13.500	128	158992	4.531	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	97298	4.937	ug/L	99

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

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