

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071122\
 Data File : VW026715.D
 Acq On : 11 Jul 2022 21:59
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV206

Quant Time: Jul 12 06:09:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 12 06:00:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	249867	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	245623	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	127817	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	105616	4.633	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.561	69	92569	4.700	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.101	63	204259	4.668	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	3.912	46	177668	49.939	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.880%
24) Chloroform-d	4.342	84	188332	4.725	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.031	65	82444	4.735	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.043	84	357477	4.790	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.066	67	106459	4.757	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.313	98	332792	5.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	7.622	79	34713	4.741	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.091	63	161055	50.807	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.620%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	81481	4.674	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	105654	4.744	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	154411	4.861	ug/L	99
3) Chloromethane	1.236	50	149795	4.914	ug/L	99
5) Vinyl chloride	1.304	62	155344	5.005	ug/L	99
6) Bromomethane	1.516	94	93147	5.014	ug/L	99
8) Chloroethane	1.577	64	92349	5.050	ug/L	97
9) Trichlorofluoromethane	1.744	101	196104	4.972	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	110643	4.897	ug/L	98
12) 1,1-Dichloroethene	2.111	96	109414	4.994	ug/L	98
13) Acetone	2.208	43	125863	42.048	ug/L #	46
14) Carbon disulfide	2.285	76	322383	4.994	ug/L	99
15) Methyl Acetate	2.439	43	33807	5.584	ug/L	97
16) Methylene chloride	2.500	84	111458	4.271	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	193778	5.134	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	101886	5.060	ug/L	97
19) 1,1-Dichloroethane	3.182	63	185499	5.045	ug/L	100
21) 2-Butanone	3.995	43	177242	50.772	ug/L	85
22) cis-1,2-Dichloroethene	3.905	96	101815	5.013	ug/L	99
23) Bromochloromethane	4.246	128	46240	4.942	ug/L	95
25) Chloroform	4.368	83	193851	5.033	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	105357	5.077	ug/L	98
29) 1,1,1-Trichloroethane	4.600	97	168685	5.096	ug/L	99
30) Cyclohexane	4.670	56	142103	5.038	ug/L	99
31) Carbon tetrachloride	4.822	117	146204	5.002	ug/L	98
33) Benzene	5.095	78	421903	5.138	ug/L	100
34) Trichloroethene	5.908	95	101043	5.006	ug/L	97
35) Methylcyclohexane	6.127	83	152591	4.954	ug/L	98
37) 1,2-Dichloropropane	6.172	63	98166	4.999	ug/L	99
38) Bromodichloromethane	6.506	83	129910	5.075	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	123144	5.046	ug/L	96
40) 4-Methyl-2-pentanone	7.227	43	487629	53.761	ug/L	98
42) Toluene	7.384	91	443172	5.344	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	105622	5.271	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	71942	5.012	ug/L	96
47) Tetrachloroethene	7.973	164	80790	5.104	ug/L	98
48) 2-Hexanone	8.140	43	362171	55.170	ug/L	98
49) Dibromochloromethane	8.243	129	81334	4.917	ug/L	98
50) 1,2-Dibromoethane	8.352	107	66290	5.219	ug/L	95
51) Chlorobenzene	8.879	112	268138	5.114	ug/L	98
52) Ethylbenzene	9.011	91	423909	5.165	ug/L	100
53) m,p-Xylene	9.136	106	169202	5.301	ug/L	98
54) o-Xylene	9.542	106	155280	5.119	ug/L	99
55) Styrene	9.558	104	285168	5.365	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	87970	5.177	ug/L	96
59) Bromoform	9.731	173	40437	4.931	ug/L	96
60) Isopropylbenzene	9.931	105	418060	5.244	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	59910	5.082	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	318148	5.016	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	328318	5.098	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	203368	5.207	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	205635	5.178	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	187179	5.131	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	12405	4.964	ug/L	99
69) 1,3,5-Trichlorobenzene	12.644	180	137813	4.992	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	104958	4.999	ug/L	98
71) Naphthalene	13.500	128	168754	4.851	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	98340	5.033	ug/L	98

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

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