

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030822\
 Data File : VW024877.D
 Acq On : 08 Mar 2022 17:00
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005326

Quant Time: Mar 09 05:05:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 09 05:01:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	176300	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	164973	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	78229	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	66079	4.419	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.568	69	57983	4.727	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.108	63	112061	4.089	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	3.908	46	126816	59.373	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.740%
24) Chloroform-d	4.349	84	129989	5.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.400%
26) 1,2-Dichloroethane-d4	5.034	65	56425	5.425	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	5.050	84	265147	5.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.400%
36) 1,2-Dichloropropane-d6	6.069	67	79479	5.675	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.400%
41) Toluene-d8	7.313	98	232188	5.369	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
43) trans-1,3-Dichloroprop...	7.622	79	27011	5.789	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	115.800%
46) 2-Hexanone-d5	8.088	63	105712	57.579	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.160%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46598	5.520	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	73242	5.411	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	61823	3.596	ug/L	100
3) Chloromethane	1.240	50	64422	3.752	ug/L	99
5) Vinyl chloride	1.311	62	71445	3.790	ug/L	98
6) Bromomethane	1.523	94	43361	3.851	ug/L	98
8) Chloroethane	1.584	64	43588	3.754	ug/L	97
9) Trichlorofluoromethane	1.754	101	93322	3.771	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	45699	3.180	ug/L	98
12) 1,1-Dichloroethene	2.118	96	52395	3.816	ug/L	90
13) Acetone	2.204	43	64459	42.794	ug/L	65
14) Carbon disulfide	2.294	76	155939	4.047	ug/L	99
15) Methyl Acetate	2.449	43	17094	4.335	ug/L	95
16) Methylene chloride	2.507	84	66772	4.939	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	123378	4.571	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	58831	4.387	ug/L	99
19) 1,1-Dichloroethane	3.191	63	112794	4.594	ug/L	99
21) 2-Butanone	3.992	43	102226	43.917	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	65392	4.613	ug/L	94
23) Bromochloromethane	4.249	128	26726	4.878	ug/L	86
25) Chloroform	4.375	83	118239	4.610	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	59014	4.311	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	98375	4.443	ug/L	97
30) Cyclohexane	4.677	56	85296	3.798	ug/L	97
31) Carbon tetrachloride	4.828	117	81230	4.364	ug/L	99
33) Benzene	5.101	78	249951	4.475	ug/L	100
34) Trichloroethene	5.915	95	64950	4.390	ug/L	94
35) Methylcyclohexane	6.130	83	80920	3.385	ug/L	98
37) 1,2-Dichloropropane	6.172	63	59674	4.522	ug/L	99
38) Bromodichloromethane	6.510	83	76618	4.612	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	82976	4.533	ug/L	96
40) 4-Methyl-2-pentanone	7.227	43	275232	43.845	ug/L	96
42) Toluene	7.387	91	260257	4.377	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	64619	4.418	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	40428	4.709	ug/L	97
47) Tetrachloroethene	7.976	164	39792	3.949	ug/L	97
48) 2-Hexanone	8.140	43	196465	44.514	ug/L	96
49) Dibromochloromethane	8.246	129	43250	4.540	ug/L	99
50) 1,2-Dibromoethane	8.352	107	36665	4.680	ug/L	98
51) Chlorobenzene	8.879	112	162995	4.381	ug/L	98
52) Ethylbenzene	9.011	91	272914	4.205	ug/L	99
53) m,p-xylene	9.137	106	104575	4.262	ug/L	95
54) o-xylene	9.542	106	102917	4.293	ug/L	99
55) Styrene	9.558	104	172083	4.413	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	40435	4.453	ug/L	98
59) Bromoform	9.731	173	18254	4.610	ug/L	99
60) Isopropylbenzene	9.931	105	269315	4.162	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	32195	4.541	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	219208	4.064	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	217261	4.058	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	114108	4.181	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	113362	4.159	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	106019	4.404	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5757	4.749	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	72013	3.721	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	59417	3.897	ug/L	99
71) Naphthalene	13.500	128	108605	4.189	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	53680	4.207	ug/L	99

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

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