

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082121\
 Data File : VX023871.D
 Acq On : 20 Aug 2021 11:48
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005685

Quant Time: Aug 21 04:12:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR081921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 21 04:11:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	113976	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	106110	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	56907	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	20565	4.618	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.672	69	26772	4.904	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.312	63	66889	5.013	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.200%
20) 2-Butanone-d5	4.464	46	99826	55.280	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.560%
24) Chloroform-d	5.068	84	80608	5.258	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	5.964	65	42146	5.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.982	84	151527	5.140	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	7.317	67	47972	5.213	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.200%
41) Toluene-d8	8.653	98	144391	5.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
43) trans-1,3-Dichloroprop...	8.951	79	14221	5.553	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.000%
46) 2-Hexanone-d5	9.390	63	83488	59.118	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.240%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	37449	5.687	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.800%
66) 1,2-Dichlorobenzene-d4	12.323	152	54915	5.139	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	59282	5.322	ug/L	99
3) Chloromethane	1.294	50	46377	5.082	ug/L	99
5) Vinyl chloride	1.373	62	49630	5.298	ug/L	97
6) Bromomethane	1.611	94	30244	5.134	ug/L	98
8) Chloroethane	1.690	64	28787	5.068	ug/L	96
9) Trichlorofluoromethane	1.892	101	76952	5.292	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	43679	5.493	ug/L	97
12) 1,1-Dichloroethene	2.318	96	39798	5.284	ug/L	92
13) Acetone	2.392	43	62556	55.630	ug/L	90
14) Carbon disulfide	2.513	76	108890	5.381	ug/L	99
15) Methyl Acetate	2.709	43	16850	5.645	ug/L	90
16) Methylene chloride	2.794	84	44773	4.492	ug/L	92
17) Methyl tert-butyl Ether	3.123	73	93688	5.580	ug/L	96
18) trans-1,2-Dichloroethene	3.093	96	42205	5.417	ug/L	98
19) 1,1-Dichloroethane	3.617	63	75137	5.388	ug/L	98
21) 2-Butanone	4.568	43	107308	57.060	ug/L	90
22) cis-1,2-Dichloroethene	4.495	96	44944	5.376	ug/L	99
23) Bromochloromethane	4.903	128	19349	5.383	ug/L	92
25) Chloroform	5.104	83	80149	5.360	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	51137	5.577	ug/L	96
29) 1,1,1-Trichloroethane	5.391	97	69038	5.388	ug/L	97
30) Cyclohexane	5.476	56	68174	5.315	ug/L	99
31) Carbon tetrachloride	5.684	117	60937	5.535	ug/L	99
33) Benzene	6.043	78	170932	5.407	ug/L	100
34) Trichloroethene	7.128	95	46383	5.344	ug/L	98
35) Methylcyclohexane	7.385	83	72339	5.398	ug/L	99
37) 1,2-Dichloropropane	7.433	63	42929	5.450	ug/L #	97
38) Bromodichloromethane	7.830	83	51071	5.512	ug/L	98
39) cis-1,3-Dichloropropene	8.372	75	58873	5.505	ug/L	98
40) 4-Methyl-2-pentanone	8.579	43	269605	59.000	ug/L	90
42) Toluene	8.720	91	189275	5.540	ug/L	96
44) trans-1,3-Dichloropropene	8.982	75	49981	5.647	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	30184	5.606	ug/L	95
47) Tetrachloroethene	9.274	164	37583	5.391	ug/L	95
48) 2-Hexanone	9.433	43	191711	58.478	ug/L #	90
49) Dibromochloromethane	9.524	129	33265	5.770	ug/L	100
50) 1,2-Dibromoethane	9.616	107	28278	5.677	ug/L	98
51) Chlorobenzene	10.079	112	119104	5.367	ug/L	99
52) Ethylbenzene	10.195	91	200450	5.466	ug/L	97
53) m,p-xylene	10.305	106	78530	5.405	ug/L	100
54) o-xylene	10.646	106	77654	5.577	ug/L	95
55) Styrene	10.658	104	127669	5.509	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	34816	5.712	ug/L	99
59) Bromoform	10.805	173	16130	5.387	ug/L	98
60) Isopropylbenzene	10.963	105	200919	5.269	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	25615	5.524	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	169541	5.410	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	174248	5.453	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	95375	5.324	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	93615	5.208	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	86405	5.251	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	5150	5.624	ug/L	92
69) 1,3,5-Trichlorobenzene	13.115	180	71692	5.349	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	59986	5.614	ug/L	99
71) Naphthalene	13.780	128	105379	5.843	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	56635	5.772	ug/L	94

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

