

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122821\
 Data File : VX026122.D
 Acq On : 29 Dec 2021 01:01
 Operator : JC/MD
 Sample : M5233-03MSD 10X
 Misc : 9.38g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GBCC1MSD

Quant Time: Dec 29 04:36:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 29 04:20:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	234009	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	207801	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	101115	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	83829	46.155	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.300%
7) Chloroethane-d5	1.666	69	65463	49.580	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.160%
11) 1,1-Dichloroethene-d2	2.312	63	162481	49.010	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.020%
21) 2-Butanone-d5	4.465	46	119606	95.301	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.300%
24) Chloroform-d	5.062	84	149178	48.364	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.720%
26) 1,2-Dichloroethane-d4	5.958	65	97627	48.827	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.660%
32) Benzene-d6	5.983	84	287611	48.007	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.020%
36) 1,2-Dichloropropane-d6	7.312	67	90272	48.708	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.420%
41) Toluene-d8	8.653	98	261905	47.935	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.860%
43) trans-1,3-Dichloroprop...	8.952	79	43375	47.943	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.880%
47) 2-Hexanone-d5	9.390	63	81610	94.416	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.420%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	120523	48.862	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.720%
66) 1,2-Dichlorobenzene-d4	12.323	152	95310	49.414	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	112467	49.848	ug/L	100
3) Chloromethane	1.294	50	99794	50.821	ug/L	97
5) Vinyl chloride	1.374	62	103295	52.408	ug/L	100
6) Bromomethane	1.611	94	49769	43.371	ug/L	98
8) Chloroethane	1.685	64	60103	51.786	ug/L	98
9) Trichlorofluoromethane	1.886	101	154519	51.131	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	80383	52.420	ug/L	98
12) 1,1-Dichloroethene	2.325	96	77067	54.020	ug/L	94
13) Acetone	2.386	43	85630	72.045	ug/L	99
14) Carbon disulfide	2.514	76	219882	49.085	ug/L	100
15) Methyl Acetate	2.709	43	93881	50.195	ug/L	99
16) Methylene chloride	2.794	84	80103	50.411	ug/L	97
17) trans-1,2-Dichloroethene	3.099	96	74900	49.874	ug/L	100
18) Methyl tert-butyl Ether	3.117	73	249057	51.875	ug/L	95
19) 1,1-Dichloroethane	3.617	63	207818	75.186	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	151107	91.942	ug/L	95
22) 2-Butanone	4.562	43	132266	84.577	ug/L	98
23) Bromochloromethane	4.903	128	41818	50.161	ug/L	96
25) Chloroform	5.099	83	153131	53.878	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	121353	52.560	ug/L	96
29) Cyclohexane	5.477	56	143078	54.711	ug/L	100
30) 1,1,1-Trichloroethane	5.391	97	387645	153.224	ug/L	99
31) Carbon tetrachloride	5.684	117	115220	50.631	ug/L	100
33) Benzene	6.043	78	336599	54.861	ug/L	100
34) Trichloroethene	7.129	95	83347	51.594	ug/L	97
35) Methylcyclohexane	7.385	83	157390	63.167	ug/L	98
37) 1,2-Dichloropropane	7.433	63	79232	50.160	ug/L	99
38) Bromodichloromethane	7.824	83	110258	50.242	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	123739	50.799	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	253163	99.329	ug/L	100
42) Toluene	8.720	91	1349431	206.491	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	119541	51.221	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	76144	50.524	ug/L	98
46) Tetrachloroethene	9.275	164	69482	58.185	ug/L	97
48) 2-Hexanone	9.433	43	191520	91.241	ug/L	99
49) Dibromochloromethane	9.525	129	86649	50.373	ug/L	99
50) 1,2-Dibromoethane	9.610	107	81145	50.582	ug/L	95
51) Chlorobenzene	10.079	112	205743	51.067	ug/L	98
52) Ethylbenzene	10.195	91	592125	86.194	ug/L	99
53) m,p-Xylene	10.305	106	444789	169.645	ug/L	98
54) o-Xylene	10.646	106	248554	97.589	ug/L	99
55) Styrene	10.659	104	235798	53.932	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.213	83	120302	50.827	ug/L	97
59) Bromoform	10.805	173	61170	50.116	ug/L	100
60) Isopropylbenzene	10.963	105	386511	57.000	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	95904	49.911	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	430245	76.203	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	761849	133.829	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	154045	52.013	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	158414	52.201	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	166681	56.490	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	31987	55.497	ug/L	93
69) 1,3,5-Trichlorobenzene	13.115	180	101387	50.371	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	97772	53.967	ug/L	98
71) Naphthalene	13.780	128	513933	75.415	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	98542	53.602	ug/L	97

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

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