

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102821\
 Data File : VX025011.D
 Acq On : 28 Oct 2021 17:16
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050696

Manual Integrations
 APPROVED

MMDadoda

11/1/2021 12:59:12 PM

Quant Time: Oct 29 06:50:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 28 12:38:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	152757	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	143090	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	71065	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	46963	48.229	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.460%
7) Chloroethane-d5	1.672	69	33443	50.245	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.500%
11) 1,1-Dichloroethene-d2	2.306	63	120089	50.048	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.100%
21) 2-Butanone-d5	4.470	46	98354	101.123	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.120%
24) Chloroform-d	5.056	84	131059	51.438	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.880%
26) 1,2-Dichloroethane-d4	5.958	65	93609	50.101	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.200%
32) Benzene-d6	5.976	84	205787	50.669	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.340%
36) 1,2-Dichloropropane-d6	7.311	67	70146	50.680	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.360%
41) Toluene-d8	8.653	98	197177	50.746	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.500%
43) trans-1,3-Dichloroprop...	8.951	79	41190	51.785	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.560%
47) 2-Hexanone-d5	9.384	63	72647	103.089	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.090%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	95632	51.096	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.323	152	71022	51.503	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	75827	52.885	ug/L	99
3) Chloromethane	1.288	50	48678	48.823	ug/L	89
5) Vinyl chloride	1.373	62	55935	49.865	ug/L	100
6) Bromomethane	1.617	94	35956	49.820	ug/L	95
8) Chloroethane	1.690	64	30408	53.651	ug/L	95
9) Trichlorofluoromethane	1.886	101	127296	51.120	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	60750	53.785	ug/L	92
12) 1,1-Dichloroethene	2.318	96	49766	52.377	ug/L	# 67
13) Acetone	2.398	43	74193	80.253	ug/L	91
14) Carbon disulfide	2.513	76	133610	51.879	ug/L	99
15) Methyl Acetate	2.709	43	68167m	51.001	ug/L	
16) Methylene chloride	2.788	84	57150m	53.121	ug/L	
17) trans-1,2-Dichloroethene	3.093	96	50731	52.142	ug/L	81
18) Methyl tert-butyl Ether	3.117	73	215623	53.667	ug/L	# 91
19) 1,1-Dichloroethane	3.611	63	117421	51.938	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	58522	53.243	ug/L	# 70
22) 2-Butanone	4.568	43	103698	91.121	ug/L	81
23) Bromochloromethane	4.903	128	30348	55.266	ug/L	# 61
25) Chloroform	5.092	83	133681	53.133	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	116297	52.285	ug/L	99
29) Cyclohexane	5.476	56	101638	52.390	ug/L #	77
30) 1,1,1-Trichloroethane	5.385	97	128814	52.043	ug/L #	92
31) Carbon tetrachloride	5.684	117	108879	51.935	ug/L	99
33) Benzene	6.037	78	228312	51.536	ug/L	100
34) Trichloroethene	7.128	95	67790	50.721	ug/L	90
35) Methylcyclohexane	7.385	83	100280	51.997	ug/L #	86
37) 1,2-Dichloropropane	7.433	63	64999	51.572	ug/L #	97
38) Bromodichloromethane	7.823	83	99844	51.852	ug/L #	99
39) cis-1,3-Dichloropropene	8.366	75	105027	51.274	ug/L	96
40) 4-Methyl-2-pentanone	8.579	43	193390	98.804	ug/L #	82
42) Toluene	8.720	91	253155	52.220	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	112121	53.162	ug/L	95
45) 1,1,2-Trichloroethane	9.152	97	59748	50.638	ug/L	93
46) Tetrachloroethene	9.274	164	42366	50.783	ug/L	94
48) 2-Hexanone	9.433	43	153723	95.023	ug/L #	83
49) Dibromochloromethane	9.524	129	69902	52.632	ug/L	99
50) 1,2-Dibromoethane	9.610	107	67454	51.820	ug/L	97
51) Chlorobenzene	10.079	112	151519	52.264	ug/L #	88
52) Ethylbenzene	10.195	91	295431	52.808	ug/L	96
53) m,p-Xylene	10.305	106	98515	51.196	ug/L	87
54) o-Xylene	10.646	106	99809	53.059	ug/L	93
55) Styrene	10.658	104	168200	52.867	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	96938	51.055	ug/L #	99
59) Bromoform	10.805	173	44194	50.488	ug/L	95
60) Isopropylbenzene	10.963	105	285955	52.792	ug/L	97
61) 1,2,3-Trichloropropane	11.244	75	86468	49.953	ug/L	94
62) 1,3,5-Trimethylbenzene	11.457	105	249962	53.283	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	247157	52.554	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	112128	53.192	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	112929	51.801	ug/L	94
67) 1,2-Dichlorobenzene	12.335	146	112331	52.166	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.944	75	27946	49.507	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.115	180	78241	51.679	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	69239	53.952	ug/L	98
71) Naphthalene	13.780	128	254127	57.258	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	70953	53.764	ug/L	98

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

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