

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110121\
 Data File : VX025029.D
 Acq On : 01 Nov 2021 10:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050699

Quant Time: Nov 02 03:23:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 30 01:06:24 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/02/2021
 Supervised By :Mahesh Dadoda 11/02/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	180333	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	166005	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	83451	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	40302	35.060	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.120%
7) Chloroethane-d5	1.666	69	28904	36.785	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.580%
11) 1,1-Dichloroethene-d2	2.313	63	112800	39.822	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.640%
21) 2-Butanone-d5	4.458	46	99972	87.069	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.070%
24) Chloroform-d	5.056	84	134679	44.776	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.560%
26) 1,2-Dichloroethane-d4	5.958	65	92666	42.012	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.020%
32) Benzene-d6	5.977	84	199134	42.263	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.520%
36) 1,2-Dichloropropane-d6	7.312	67	68929	42.926	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.860%
41) Toluene-d8	8.647	98	187584	41.613	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.220%
43) trans-1,3-Dichloroprop...	8.952	79	40418	43.800	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.600%
47) 2-Hexanone-d5	9.384	63	73851	90.332	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.330%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	101914	46.936	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.880%
66) 1,2-Dichlorobenzene-d4	12.323	152	71930	44.419	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.840%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	81400	48.090	ug/L	99
3) Chloromethane	1.288	50	46459	39.472	ug/L	89
5) Vinyl chloride	1.374	62	53379	40.310	ug/L	100
6) Bromomethane	1.611	94	35948	42.193	ug/L	95
8) Chloroethane	1.691	64	30105	44.994	ug/L	97
9) Trichlorofluoromethane	1.886	101	129593	44.085	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	68222	51.164	ug/L	95
12) 1,1-Dichloroethene	2.319	96	55699	49.657	ug/L	81
13) Acetone	2.386	43	98678	90.416	ug/L	94
14) Carbon disulfide	2.514	76	146803	48.286	ug/L	100
15) Methyl Acetate	2.703	43	67344	42.680	ug/L	# 80
16) Methylene chloride	2.788	84	61682	48.566	ug/L	# 78
17) trans-1,2-Dichloroethene	3.093	96	58028	50.521	ug/L	83
18) Methyl tert-butyl Ether	3.117	73	238444	50.272	ug/L	93
19) 1,1-Dichloroethane	3.611	63	127978	47.952	ug/L	95
20) cis-1,2-Dichloroethene	4.483	96	67261	51.836	ug/L	78
22) 2-Butanone	4.562	43	116457	86.684	ug/L	83
23) Bromochloromethane	4.904	128	33579	51.799	ug/L	# 68
25) Chloroform	5.099	83	144933	48.796	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	121881	46.416	ug/L	100
29) Cyclohexane	5.471	56	106299	47.229	ug/L #	79
30) 1,1,1-Trichloroethane	5.385	97	141385	49.237	ug/L #	93
31) Carbon tetrachloride	5.678	117	121954	50.141	ug/L	98
33) Benzene	6.037	78	256300	49.867	ug/L	100
34) Trichloroethene	7.129	95	78895	50.882	ug/L	96
35) Methylcyclohexane	7.379	83	112169	50.133	ug/L #	88
37) 1,2-Dichloropropane	7.427	63	72896m	49.854	ug/L	
38) Bromodichloromethane	7.824	83	109826	49.163	ug/L	95
39) cis-1,3-Dichloropropene	8.366	75	116365	48.967	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	200713	88.391	ug/L #	83
42) Toluene	8.720	91	282142	50.165	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	123819	50.605	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	66003	48.218	ug/L	92
46) Tetrachloroethene	9.275	164	51540	53.252	ug/L	95
48) 2-Hexanone	9.433	43	163203	86.957	ug/L #	85
49) Dibromochloromethane	9.525	129	81046	52.599	ug/L	99
50) 1,2-Dibromoethane	9.610	107	76211	50.465	ug/L	96
51) Chlorobenzene	10.079	112	173739	51.656	ug/L	92
52) Ethylbenzene	10.195	91	327712	50.492	ug/L	100
53) m,p-Xylene	10.305	106	117179	52.489	ug/L	98
54) o-Xylene	10.646	106	112658	51.623	ug/L	93
55) Styrene	10.659	104	192009	52.020	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	108278	49.155	ug/L	99
59) Bromoform	10.799	173	54416	52.939	ug/L #	96
60) Isopropylbenzene	10.963	105	325751	51.213	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	94238	46.361	ug/L	94
62) 1,3,5-Trimethylbenzene	11.451	105	281555	51.109	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	287737	52.102	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	132223	53.415	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	130772	51.083	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	130907	51.770	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	30861	46.556	ug/L	92
69) 1,3,5-Trichlorobenzene	13.115	180	97139	54.638	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	83571	55.455	ug/L	99
71) Naphthalene	13.780	128	291346	55.901	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	87747	56.621	ug/L	99

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

Manual Integrations

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