

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020223\
 Data File : VX033987.D
 Acq On : 02 Feb 2023 10:08
 Operator : JC/MD
 Sample : VSTD00513
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005613

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/03/2023
 Supervised By :Mahesh Dadoda 02/03/2023

Quant Time: Feb 03 04:10:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 03 04:09:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	242571	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	209726	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	111575	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	8458	5.236	ug/L	0.00
7) Chloroethane-d5	1.672	69	5326	5.431	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.312	63	15127	5.110	ug/L	0.00
21) 2-Butanone-d5	4.464	46	8886	9.594	ug/L	0.01
24) Chloroform-d	5.056	84	14342	4.949	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	9301	5.320	ug/L	0.00
32) Benzene-d6	5.976	84	30016	4.993	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	8803	4.953	ug/L	0.00
41) Toluene-d8	8.647	98	29283	5.135	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	3584	4.443	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	6036	9.056	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	11134	4.996	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	11387	5.099	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	9788	5.424	ug/L	98
3) Chloromethane	1.294	50	9390	5.700	ug/L	97
5) Vinyl chloride	1.374	62	8993	5.399	ug/L	93
6) Bromomethane	1.617	94	5005	5.795	ug/L	85
8) Chloroethane	1.691	64	4795	5.415	ug/L	97
9) Trichlorofluoromethane	1.892	101	12448	5.273	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	8579	5.255	ug/L	100
12) 1,1-Dichloroethene	2.325	96	7986	5.347	ug/L	92
13) Acetone	2.386	43	11038	11.584	ug/L	99
14) Carbon disulfide	2.514	76	20163	4.988	ug/L	99
15) Methyl Acetate	2.703	43	7863	5.179	ug/L	100
16) Methylene chloride	2.788	84	8526	5.391	ug/L	93
17) trans-1,2-Dichloroethene	3.093	96	8052	5.223	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	22541	5.022	ug/L	98
19) 1,1-Dichloroethane	3.611	63	13841	5.144	ug/L	96
20) cis-1,2-Dichloroethene	4.483	96	9004	5.110	ug/L	98
22) 2-Butanone	4.562	43	12605m	10.770	ug/L	
23) Bromochloromethane	4.897	128	4987	5.156	ug/L #	85
25) Chloroform	5.092	83	13971	5.028	ug/L	98
27) 1,2-Dichloroethane	6.092	62	11258	5.279	ug/L	97
29) Cyclohexane	5.476	56	12944	5.046	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	11920	5.029	ug/L	99
31) Carbon tetrachloride	5.678	117	10827	4.909	ug/L	98
33) Benzene	6.037	78	32648	5.235	ug/L	100
34) Trichloroethene	7.129	95	8929	5.283	ug/L	95
35) Methylcyclohexane	7.379	83	12981	4.816	ug/L	99
37) 1,2-Dichloropropane	7.427	63	8139	5.124	ug/L	99
38) Bromodichloromethane	7.824	83	10015	4.959	ug/L #	97
39) cis-1,3-Dichloropropene	8.366	75	11248	4.614	ug/L	98
40) 4-Methyl-2-pentanone	8.573	43	19263	9.855	ug/L	99
42) Toluene	8.720	91	34507	5.173	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	9426	4.345	ug/L	95

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45) 1,1,2-Trichloroethane	9.153	97	8256	5.135	ug/L	95
46) Tetrachloroethene	9.275	164	8270	5.096	ug/L	98
48) 2-Hexanone	9.433	43	15602	10.016	ug/L	96
49) Dibromochloromethane	9.518	129	8291	4.779	ug/L	93
50) 1,2-Dibromoethane	9.610	107	8753	5.066	ug/L	97
51) Chlorobenzene	10.079	112	23448	5.203	ug/L	98
52) Ethylbenzene	10.195	91	37337	5.093	ug/L	99
53) m,p-Xylene	10.299	106	14813	5.033	ug/L	92
54) o-Xylene	10.640	106	14693	5.168	ug/L	91
55) Styrene	10.658	104	23809	4.992	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	11656	5.157	ug/L	98
59) Bromoform	10.799	173	6452	4.752	ug/L	96
60) Isopropylbenzene	10.963	105	37124	5.093	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	9260	5.467	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	28907	4.845	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	28359	4.822	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	18732	5.168	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	19153	5.221	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	18477	5.213	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	1973	4.754	ug/L	96
69) 1,3,5-Trichlorobenzene	13.109	180	13099	4.792	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	11762	4.740	ug/L	99
71) Naphthalene	13.774	128	31512	4.587	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	11735	4.791	ug/L	99

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

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