

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071922\
 Data File : VX030110.D
 Acq On : 19 Jul 2022 11:15
 Operator : JC/MD
 Sample : VSTD00572
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005672

Quant Time: Jul 20 07:32:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 20 07:31:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/20/2022
 Supervised By : Mahesh Dadoda 07/20/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	274335	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	245746	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	116875	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	11046	5.162	ug/L	0.00
7) Chloroethane-d5	1.666	69	7857	5.306	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	19821	4.789	ug/L	0.00
21) 2-Butanone-d5	4.465	46	19869m	9.440	ug/L	0.00
24) Chloroform-d	5.062	84	21270	4.896	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	14335	5.274	ug/L	0.00
32) Benzene-d6	5.977	84	45425	5.022	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.318	67	14882	5.130	ug/L	0.00
41) Toluene-d8	8.653	98	41733	5.056	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	5379	4.366	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	13109	9.012	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	19045	4.920	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	14006	5.170	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	10221	4.449	ug/L	99
3) Chloromethane	1.294	50	9069	4.417	ug/L	90
5) Vinyl chloride	1.374	62	9450	4.415	ug/L	99
6) Bromomethane	1.611	94	4222	4.373	ug/L	92
8) Chloroethane	1.691	64	5288	4.477	ug/L	97
9) Trichlorofluoromethane	1.886	101	11676	4.214	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	8406	4.291	ug/L	99
12) 1,1-Dichloroethene	2.319	96	8297	4.393	ug/L	91
13) Acetone	2.392	43	10450	8.920	ug/L	93
14) Carbon disulfide	2.514	76	23070	4.341	ug/L	99
15) Methyl Acetate	2.709	43	11431	4.284	ug/L	98
16) Methylene chloride	2.788	84	11008	4.829	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	8544	4.251	ug/L	92
18) Methyl tert-butyl Ether	3.117	73	26050	4.208	ug/L	98
19) 1,1-Dichloroethane	3.611	63	15309	4.167	ug/L	94
20) cis-1,2-Dichloroethene	4.495	96	9772	4.188	ug/L	92
22) 2-Butanone	4.568	43	16889	8.432	ug/L	95
23) Bromochloromethane	4.904	128	5145m	4.431	ug/L	
25) Chloroform	5.093	83	16252	4.262	ug/L	95
27) 1,2-Dichloroethane	6.086	62	12229	4.270	ug/L	96
29) Cyclohexane	5.471	56	13673m	4.056	ug/L	
30) 1,1,1-Trichloroethane	5.385	97	13203	4.367	ug/L #	59
31) Carbon tetrachloride	5.672	117	9972	4.004	ug/L	97
33) Benzene	6.044	78	37150	4.342	ug/L	100
34) Trichloroethene	7.129	95	9772	4.264	ug/L	96
35) Methylcyclohexane	7.385	83	13155	3.815	ug/L	98
37) 1,2-Dichloropropane	7.440	63	9453m	4.270	ug/L	
38) Bromodichloromethane	7.824	83	11476	4.188	ug/L	94
39) cis-1,3-Dichloropropene	8.366	75	12867	4.019	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	28856	7.921	ug/L	100
42) Toluene	8.720	91	36219	4.077	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	11388	3.799	ug/L	97

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45) 1,1,2-Trichloroethane	9.153	97	9049	4.222	ug/L	93
46) Tetrachloroethene	9.275	164	7039	4.433	ug/L	85
48) 2-Hexanone	9.433	43	24098	8.238	ug/L	95
49) Dibromochloromethane	9.525	129	8751	4.081	ug/L	98
50) 1,2-Dibromoethane	9.610	107	9873	4.338	ug/L #	87
51) Chlorobenzene	10.079	112	23331	4.179	ug/L	99
52) Ethylbenzene	10.195	91	37382	3.947	ug/L	95
53) m,p-Xylene	10.299	106	14164	3.837	ug/L	99
54) o-Xylene	10.640	106	13692	3.820	ug/L	98
55) Styrene	10.659	104	23069	3.736	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	14446	4.271	ug/L	87
59) Bromoform	10.799	173	5609	4.109	ug/L	98
60) Isopropylbenzene	10.963	105	34751	4.057	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	11855	4.573	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	27052	3.822	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	26249	3.719	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	15639	4.150	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	15954	4.212	ug/L	93
67) 1,2-Dichlorobenzene	12.335	146	16348	4.265	ug/L #	85
68) 1,2-Dibromo-3-chloropr...	12.945	75	3052	3.920	ug/L	92
69) 1,3,5-Trichlorobenzene	13.116	180	9882	3.884	ug/L	96
70) 1,2,4-trichlorobenzene	13.585	180	8234	3.687	ug/L	96
71) Naphthalene	13.780	128	32345	3.540	ug/L	97
72) 1,2,3-Trichlorobenzene	13.963	180	9435	3.977	ug/L	92

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

