

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101521\
 Data File : VX024829.D
 Acq On : 15 Oct 2021 14:14
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050692

Quant Time: Oct 18 01:30:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML100721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 18 01:29:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	259104	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	246668	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	129151	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	58013	36.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.32%
7) Chloroethane-d5	1.660	69	48814	46.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.44%
11) 1,1-Dichloroethene-d2	2.306	63	136773	43.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.84%
21) 2-Butanone-d5	4.465	46	143901	109.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.11%
24) Chloroform-d	5.062	84	164725	50.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.964	65	113352	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.66%
32) Benzene-d6	5.976	84	308944	44.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.92%
36) 1,2-Dichloropropane-d6	7.312	67	98350	45.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.50%
41) Toluene-d8	8.653	98	288867	42.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.34%
43) trans-1,3-Dichloroprop...	8.952	79	51570	47.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.78%
47) 2-Hexanone-d5	9.384	63	103186	101.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.13%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	153530	51.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.58%
66) 1,2-Dichlorobenzene-d4	12.323	152	122000	48.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.56%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	102401	44.71	ug/L	100
3) Chloromethane	1.294	50	77456	41.42	ug/L	100
5) Vinyl chloride	1.374	62	80235	42.53	ug/L	99
6) Bromomethane	1.599	94	49647	47.69	ug/L	98
8) Chloroethane	1.685	64	47851	48.58	ug/L	97
9) Trichlorofluoromethane	1.886	101	133796	50.31	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	80526	48.65	ug/L	96
12) 1,1-Dichloroethene	2.319	96	70563	47.41	ug/L	93
13) Acetone	2.386	43	112100	85.99	ug/L	92
14) Carbon disulfide	2.514	76	188512	43.87	ug/L	98
15) Methyl Acetate	2.709	43	92872	44.71	ug/L	92
16) Methylene chloride	2.788	84	83388	46.57	ug/L	94
17) trans-1,2-Dichloroethene	3.093	96	77047	45.66	ug/L	92
18) Methyl tert-butyl Ether	3.123	73	262724	47.34	ug/L	98
19) 1,1-Dichloroethane	3.617	63	148907	47.23	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	89287	46.89	ug/L	100
22) 2-Butanone	4.562	43	151060	87.53	ug/L	91
23) Bromochloromethane	4.910	128	47163	47.39	ug/L	94
25) Chloroform	5.099	83	166577	46.73	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	132894	48.05	ug/L	95
29) Cyclohexane	5.477	56	135296	44.19	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	145854	45.09	ug/L	99
31) Carbon tetrachloride	5.678	117	129407	45.60	ug/L	99
33) Benzene	6.044	78	339490	44.54	ug/L	100
34) Trichloroethene	7.129	95	91925	43.82	ug/L	97
35) Methylcyclohexane	7.385	83	149317	44.77	ug/L	98
37) 1,2-Dichloropropane	7.440	63	87739	43.71	ug/L	98
38) Bromodichloromethane	7.824	83	116201	45.31	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	136489	45.35	ug/L	97
40) 4-Methyl-2-pentanone	8.580	43	272176	89.10	ug/L	93
42) Toluene	8.720	91	380043	44.67	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	136741	46.51	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	88327	45.25	ug/L	97
46) Tetrachloroethene	9.275	164	74606	45.62	ug/L	96
48) 2-Hexanone	9.433	43	219533	88.10	ug/L	91
49) Dibromochloromethane	9.525	129	93213	45.92	ug/L	97
50) 1,2-Dibromoethane	9.610	107	95940	45.51	ug/L #	100
51) Chlorobenzene	10.079	112	242390	47.27	ug/L	98
52) Ethylbenzene	10.195	91	415562	47.44	ug/L	97
53) m,p-Xylene	10.305	106	164554	48.08	ug/L	98
54) o-Xylene	10.646	106	159261	46.59	ug/L	97
55) Styrene	10.659	104	272134	47.69	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	138666	44.95	ug/L	97
59) Bromoform	10.805	173	65909	45.10	ug/L	98
60) Isopropylbenzene	10.963	105	423645	47.63	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	118480	44.69	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	366384	46.90	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	370939	48.58	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	192005	46.29	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	191476	46.22	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	193507	47.25	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	32080	45.02	ug/L	98
69) 1,3,5-Trichlorobenzene	13.115	180	139539	46.84	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	121037	48.02	ug/L	98
71) Naphthalene	13.780	128	415563	49.39	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	124309	47.79	ug/L	97

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

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