

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110322\
 Data File : VV028851.D
 Acq On : 03 Nov 2022 16:41
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050371

Quant Time: Nov 04 04:44:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 04 04:43:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	444649	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	415263	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	211304	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	148141	35.145	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.280%
7) Chloroethane-d5	1.561	69	138237	38.363	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.720%
11) 1,1-Dichloroethene-d2	2.108	63	312606	38.987	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.980%
21) 2-Butanone-d5	3.867	46	281370	91.700	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.700%
24) Chloroform-d	4.339	84	281264	44.242	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.480%
26) 1,2-Dichloroethane-d4	5.024	65	189947	45.177	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.360%
32) Benzene-d6	5.040	84	531652	41.011	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.020%
36) 1,2-Dichloropropane-d6	6.063	67	190752	42.860	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.720%
41) Toluene-d8	7.307	98	460995	40.451	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.900%
43) trans-1,3-Dichloroprop...	7.616	79	72027	42.137	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.280%
47) 2-Hexanone-d5	8.082	63	178753	88.876	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.880%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	270894	46.159	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.320%
66) 1,2-Dichlorobenzene-d4	11.615	152	175385	42.049	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	148673	45.465	ug/L	99
3) Chloromethane	1.240	50	251068	46.133	ug/L	99
5) Vinyl chloride	1.310	62	229192	45.847	ug/L	99
6) Bromomethane	1.519	94	121181	43.933	ug/L	99
8) Chloroethane	1.580	64	150443	46.865	ug/L	98
9) Trichlorofluoromethane	1.751	101	278134	46.784	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	160990	47.795	ug/L	99
12) 1,1-Dichloroethene	2.114	96	151327	45.630	ug/L	93
13) Acetone	2.159	43	278961	93.899	ug/L	100
14) Carbon disulfide	2.291	76	380747	41.159	ug/L	100
15) Methyl Acetate	2.423	43	225590	45.243	ug/L	100
16) Methylene chloride	2.500	84	176987	43.984	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	149565	46.624	ug/L	98
18) Methyl tert-butyl Ether	2.760	73	518106	46.754	ug/L	99
19) 1,1-Dichloroethane	3.182	63	330182	47.239	ug/L	98
20) cis-1,2-Dichloroethene	3.902	96	167208	47.241	ug/L	98
22) 2-Butanone	3.950	43	320112	87.708	ug/L	99
23) Bromochloromethane	4.236	128	79121	46.966	ug/L	99
25) Chloroform	4.365	83	303785	46.787	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.120	62	258093	48.674	ug/L	99
29) Cyclohexane	4.670	56	308394	46.542	ug/L	100
30) 1,1,1-Trichloroethane	4.600	97	242264	46.283	ug/L	99
31) Carbon tetrachloride	4.821	117	193283	46.217	ug/L	100
33) Benzene	5.092	78	696163	47.619	ug/L	100
34) Trichloroethene	5.908	95	160773	47.026	ug/L	99
35) Methylcyclohexane	6.124	83	290880	47.970	ug/L	99
37) 1,2-Dichloropropane	6.165	63	197428	48.809	ug/L	100
38) Bromodichloromethane	6.503	83	212493	46.241	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	258488	46.793	ug/L	100
40) 4-Methyl-2-pentanone	7.217	43	610191	90.706	ug/L	100
42) Toluene	7.381	91	709056	47.568	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	236527	46.302	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	163906	47.233	ug/L	98
46) Tetrachloroethene	7.969	164	112153	47.332	ug/L	100
48) 2-Hexanone	8.133	43	463238	90.416	ug/L	99
49) Dibromochloromethane	8.239	129	145607	45.328	ug/L	100
50) 1,2-Dibromoethane	8.345	107	162999	46.618	ug/L	99
51) Chlorobenzene	8.873	112	424050	46.458	ug/L	99
52) Ethylbenzene	9.005	91	773969	48.266	ug/L	100
53) m,p-Xylene	9.130	106	281421	48.118	ug/L	99
54) o-Xylene	9.535	106	281993	48.295	ug/L	99
55) Styrene	9.551	104	495151	49.450	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.233	83	285984	46.693	ug/L	99
59) Bromoform	9.722	173	90302	43.052	ug/L	99
60) Isopropylbenzene	9.924	105	759284	47.291	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	227325	45.276	ug/L	98
62) 1,3,5-Trimethylbenzene	10.532	105	636758	47.505	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	626653	46.994	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	313420	46.274	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	317480	46.004	ug/L	100
67) 1,2-Dichlorobenzene	11.635	146	317456	46.073	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	49491	38.691	ug/L	98
69) 1,3,5-Trichlorobenzene	12.635	180	223706	46.059	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	188025	45.237	ug/L	100
71) Naphthalene	13.490	128	548814	40.554	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	189313	44.999	ug/L	99

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

