

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042624\
 Data File : VW035456.D
 Acq On : 27 Apr 2024 03:35
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050342

Quant Time: Apr 27 05:29:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 01:20:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	526489	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	528579	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	286725	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	193376	45.703	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.400%
7) Chloroethane-d5	1.529	69	130224	53.718	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.440%
11) 1,1-Dichloroethene-d2	2.053	65	80120	46.331	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.660%
21) 2-Butanone-d5	3.796	46	238860	110.149	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.150%
24) Chloroform-d	4.246	84	338666	47.567	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.140%
26) 1,2-Dichloroethane-d4	4.937	65	200816	48.425	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.840%
32) Benzene-d6	4.957	84	674582	48.564	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.120%
36) 1,2-Dichloropropane-d6	5.986	67	204294	47.668	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.340%
41) Toluene-d8	7.240	98	621059	49.605	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.220%
43) trans-1,3-Dichloroprop...	7.551	79	93794	46.783	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.560%
47) 2-Hexanone-d5	8.030	63	135508	109.678	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.680%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	312153	51.102	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	11.558	152	241316	48.105	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	176135	45.504	ug/L	99
3) Chloromethane	1.214	50	185508	47.230	ug/L	100
5) Vinyl chloride	1.282	62	197332	47.624	ug/L	100
6) Bromomethane	1.487	94	115341	47.529	ug/L	99
8) Chloroethane	1.545	64	101871	55.693	ug/L	99
9) Trichlorofluoromethane	1.706	101	267442	47.788	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	163190	46.543	ug/L	100
12) 1,1-Dichloroethene	2.066	96	149678	48.118	ug/L	95
13) Acetone	2.127	43	194184	75.357	ug/L	98
14) Carbon disulfide	2.236	76	402813	46.619	ug/L	99
15) Methyl Acetate	2.375	43	207829	53.181	ug/L	98
16) Methylene chloride	2.442	84	189499	48.168	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	163250	48.815	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	571606	50.748	ug/L	100
19) 1,1-Dichloroethane	3.108	63	340108	49.129	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	190638	50.671	ug/L	99
22) 2-Butanone	3.876	43	286282	100.424	ug/L	99
23) Bromochloromethane	4.143	128	102853	49.127	ug/L	98
25) Chloroform	4.272	83	345081	48.225	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	260257	49.527	ug/L	99
29) Cyclohexane	4.580	56	240150	49.403	ug/L	99
30) 1,1,1-Trichloroethane	4.507	97	295323	49.111	ug/L	99
31) Carbon tetrachloride	4.728	117	253573	48.265	ug/L	99
33) Benzene	5.005	78	712138	50.349	ug/L	100
34) Trichloroethene	5.831	95	186238	48.549	ug/L	99
35) Methylcyclohexane	6.047	83	266321	47.984	ug/L	98
37) 1,2-Dichloropropane	6.088	63	200224	50.706	ug/L	100
38) Bromodichloromethane	6.429	83	262571	49.244	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	282047	48.259	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	552706	117.210	ug/L	100
42) Toluene	7.313	91	761251	51.361	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	275002	49.018	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	205800	49.909	ug/L	100
46) Tetrachloroethene	7.902	164	143363	47.640	ug/L	99
48) 2-Hexanone	8.079	43	446617	111.411	ug/L	97
49) Dibromochloromethane	8.172	129	207781	49.291	ug/L	98
50) 1,2-Dibromoethane	8.278	107	214467	51.123	ug/L	100
51) Chlorobenzene	8.812	112	499313	47.774	ug/L	99
52) Ethylbenzene	8.944	91	821799	50.742	ug/L	100
53) m,p-Xylene	9.069	106	312072	50.914	ug/L	99
54) o-Xylene	9.477	106	310544	51.813	ug/L	98
55) Styrene	9.493	104	556510	53.840	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	344454	51.388	ug/L	99
59) Bromoform	9.664	173	169666	49.843	ug/L	99
60) Isopropylbenzene	9.863	105	836014	50.823	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	275225	51.283	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	677613	51.133	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	682549	52.607	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	413038	48.471	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	421431	47.150	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	420883	48.748	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	65455	53.909	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	281777	46.670	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	223778	46.688	ug/L	99
71) Naphthalene	13.435	128	513308	49.090	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	234227	50.152	ug/L	99

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

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