

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040424\
 Data File : VW034989.D
 Acq On : 04 Apr 2024 19:32
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050315

Quant Time: Apr 04 21:40:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 21:33:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	421132	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	408950	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	211053	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	154439	37.973	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.940%
7) Chloroethane-d5	1.532	69	155982	44.156	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.320%
11) 1,1-Dichloroethene-d2	2.060	65	73664	41.319	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.640%
21) 2-Butanone-d5	3.793	46	233632	96.858	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.860%
24) Chloroform-d	4.249	84	306303	44.794	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.580%
26) 1,2-Dichloroethane-d4	4.941	65	188771	43.481	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.960%
32) Benzene-d6	4.960	84	601086	43.757	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.520%
36) 1,2-Dichloropropane-d6	5.985	67	191964	44.007	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.020%
41) Toluene-d8	7.243	98	543672	43.947	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.900%
43) trans-1,3-Dichloroprop...	7.551	79	88963	41.951	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.900%
47) 2-Hexanone-d5	8.024	63	147685	89.547	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.550%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	271791	45.246	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.500%
66) 1,2-Dichlorobenzene-d4	11.558	152	203708	42.989	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	140256	45.952	ug/L	98
3) Chloromethane	1.217	50	168892	43.042	ug/L	98
5) Vinyl chloride	1.285	62	185964	45.207	ug/L	98
6) Bromomethane	1.490	94	129643	42.044	ug/L	98
8) Chloroethane	1.548	64	144180	51.319	ug/L	99
9) Trichlorofluoromethane	1.712	101	260585	48.264	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	161445	48.854	ug/L	98
12) 1,1-Dichloroethene	2.069	96	147451	46.653	ug/L	92
13) Acetone	2.124	43	208828	94.300	ug/L	99
14) Carbon disulfide	2.240	76	379213	42.606	ug/L	99
15) Methyl Acetate	2.375	43	195985	56.160	ug/L	99
16) Methylene chloride	2.445	84	176702	51.597	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	148110	48.470	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	555113	51.720	ug/L	98
19) 1,1-Dichloroethane	3.111	63	330438	52.732	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	178201	51.356	ug/L	98
22) 2-Butanone	3.873	43	268863	104.629	ug/L	99
23) Bromochloromethane	4.146	128	91266	52.570	ug/L	97
25) Chloroform	4.275	83	330083	53.279	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	260232	52.757	ug/L	100
29) Cyclohexane	4.584	56	252312	49.260	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	274524	51.499	ug/L	99
31) Carbon tetrachloride	4.735	117	232585	51.478	ug/L	100
33) Benzene	5.008	78	678650	50.891	ug/L	100
34) Trichloroethene	5.831	95	179221	49.799	ug/L	98
35) Methylcyclohexane	6.050	83	265525	48.853	ug/L	98
37) 1,2-Dichloropropane	6.092	63	197822	53.679	ug/L	100
38) Bromodichloromethane	6.429	83	247598	52.073	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	283695	48.867	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	521945	110.930	ug/L	99
42) Toluene	7.313	91	721795	51.700	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	276281	51.801	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	186723	53.756	ug/L	100
46) Tetrachloroethene	7.905	164	128977	51.297	ug/L	97
48) 2-Hexanone	8.072	43	424952	106.190	ug/L	98
49) Dibromochloromethane	8.175	129	184521	53.636	ug/L	100
50) 1,2-Dibromoethane	8.281	107	195113	52.175	ug/L	98
51) Chlorobenzene	8.812	112	469159	51.849	ug/L	99
52) Ethylbenzene	8.944	91	797984	51.573	ug/L	99
53) m,p-Xylene	9.072	106	294125	51.618	ug/L	99
54) o-Xylene	9.477	106	291451	51.694	ug/L	96
55) Styrene	9.493	104	510950	53.629	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	304241	54.060	ug/L	99
59) Bromoform	9.664	173	134724	55.703	ug/L	99
60) Isopropylbenzene	9.866	105	802149	52.720	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	247262	54.065	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	523140	52.941	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	646875	52.948	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	365735	51.437	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	374010	51.725	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	377004	53.225	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	69206	54.927	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	265400	51.791	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	239585	50.898	ug/L	100
71) Naphthalene	13.439	128	676641	51.812	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	248755	53.611	ug/L	99

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

