

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032724\
 Data File : VV034854.D
 Acq On : 27 Mar 2024 09:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 28 01:51:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
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 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	340450	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	333813	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	173534	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	146501	44.558	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.120%
7) Chloroethane-d5	1.532	69	143874	50.380	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.760%
11) 1,1-Dichloroethene-d2	2.060	65	64383	44.671	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.340%
21) 2-Butanone-d5	3.786	46	192263	98.597	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.600%
24) Chloroform-d	4.246	84	274075	49.579	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.160%
26) 1,2-Dichloroethane-d4	4.937	65	170063	48.455	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.900%
32) Benzene-d6	4.957	84	526235	46.931	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.860%
36) 1,2-Dichloropropane-d6	5.986	67	169488	47.600	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.200%
41) Toluene-d8	7.239	98	471994	46.740	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.480%
43) trans-1,3-Dichloroprop...	7.551	79	80455	46.479	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.960%
47) 2-Hexanone-d5	8.021	63	128381	95.364	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.360%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	249992	50.984	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.960%
66) 1,2-Dichlorobenzene-d4	11.558	152	184813	47.434	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	122679	49.718	ug/L	99
3) Chloromethane	1.217	50	145553	45.884	ug/L	99
5) Vinyl chloride	1.285	62	159771	48.044	ug/L	99
6) Bromomethane	1.487	94	121527	48.752	ug/L	99
8) Chloroethane	1.548	64	116886	51.464	ug/L	99
9) Trichlorofluoromethane	1.712	101	222661	51.014	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	139316	52.148	ug/L	99
12) 1,1-Dichloroethene	2.069	96	127188	49.778	ug/L	95
13) Acetone	2.118	43	206773	115.500	ug/L	100
14) Carbon disulfide	2.243	76	334501	46.488	ug/L	100
15) Methyl Acetate	2.372	43	133067	47.167	ug/L	96
16) Methylene chloride	2.445	84	138617	50.069	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	124323	50.327	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	426340	49.136	ug/L	100
19) 1,1-Dichloroethane	3.111	63	255486	50.434	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	142046	50.638	ug/L	96
22) 2-Butanone	3.867	43	206925	99.609	ug/L	99
23) Bromochloromethane	4.146	128	72328	51.535	ug/L	94
25) Chloroform	4.275	83	258072	51.527	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	202224	50.712	ug/L	99
29) Cyclohexane	4.580	56	197955	47.347	ug/L	96
30) 1,1,1-Trichloroethane	4.510	97	216728	49.808	ug/L	99
31) Carbon tetrachloride	4.732	117	185738	50.362	ug/L	100
33) Benzene	5.008	78	536222	49.262	ug/L	100
34) Trichloroethene	5.831	95	145767	49.620	ug/L	99
35) Methylcyclohexane	6.050	83	220582	49.719	ug/L	98
37) 1,2-Dichloropropane	6.092	63	149431	49.675	ug/L	99
38) Bromodichloromethane	6.429	83	191819	49.422	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	237691	50.159	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	369218	96.133	ug/L	100
42) Toluene	7.313	91	581658	51.040	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	218632	50.219	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	143798	50.717	ug/L	99
46) Tetrachloroethene	7.905	164	107191	52.228	ug/L	99
48) 2-Hexanone	8.072	43	314555	96.296	ug/L	97
49) Dibromochloromethane	8.175	129	139812	49.788	ug/L	98
50) 1,2-Dibromoethane	8.281	107	151169	49.523	ug/L	97
51) Chlorobenzene	8.812	112	373007	50.502	ug/L	99
52) Ethylbenzene	8.944	91	648947	51.381	ug/L	99
53) m,p-Xylene	9.072	106	240532	51.714	ug/L	97
54) o-Xylene	9.477	106	235041	51.073	ug/L	99
55) Styrene	9.493	104	409648	52.674	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	229154	49.883	ug/L	100
59) Bromoform	9.664	173	99430	49.999	ug/L	98
60) Isopropylbenzene	9.866	105	641876	51.308	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	181505	48.268	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	419295	51.606	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	522182	51.982	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	296815	50.769	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	304207	51.168	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	296431	50.898	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	48491	46.807	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	219187	52.020	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	194519	50.258	ug/L	99
71) Naphthalene	13.435	128	458558	42.704	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	192460	50.447	ug/L	100

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

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