

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032224\
 Data File : VW034813.D
 Acq On : 22 Mar 2024 13:00
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050303

Quant Time: Mar 23 04:59:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 04:57:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	331193	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	313463	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	168589	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	146052	50.870	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.740%
7) Chloroethane-d5	1.532	69	120377	53.817	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.640%
11) 1,1-Dichloroethene-d2	2.056	65	51360	39.555	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.100%
21) 2-Butanone-d5	3.786	46	194059	101.072	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.070%
24) Chloroform-d	4.246	84	273875	53.951	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.900%
26) 1,2-Dichloroethane-d4	4.937	65	177095	53.385	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.780%
32) Benzene-d6	4.957	84	513990	54.331	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.660%
36) 1,2-Dichloropropane-d6	5.986	67	155683	53.923	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.840%
41) Toluene-d8	7.240	98	469751	54.870	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.740%
43) trans-1,3-Dichloroprop...	7.548	79	80440	55.483	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.960%
47) 2-Hexanone-d5	8.021	63	114216	79.223	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.220%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	209687	55.189	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.380%
66) 1,2-Dichlorobenzene-d4	11.558	152	185956	53.963	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	158197	45.538	ug/L	98
3) Chloromethane	1.217	50	144554	42.347	ug/L	99
5) Vinyl chloride	1.285	62	151876	45.835	ug/L	99
6) Bromomethane	1.491	94	95036	47.802	ug/L	99
8) Chloroethane	1.548	64	100365	50.960	ug/L	98
9) Trichlorofluoromethane	1.712	101	227578	45.863	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	106977	40.000	ug/L	96
12) 1,1-Dichloroethene	2.069	96	91520	36.904	ug/L	94
13) Acetone	2.121	43	138132	59.845	ug/L	98
14) Carbon disulfide	2.240	76	224068	32.556	ug/L	99
15) Methyl Acetate	2.372	43	167792	56.823	ug/L	100
16) Methylene chloride	2.446	84	146013	55.506	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	123071	51.272	ug/L	97
18) Methyl tert-butyl Ether	2.700	73	510768	59.254	ug/L	99
19) 1,1-Dichloroethane	3.108	63	272740	58.004	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	151835	58.300	ug/L	95
22) 2-Butanone	3.867	43	235947	103.519	ug/L	98
23) Bromochloromethane	4.143	128	79460	59.003	ug/L	97
25) Chloroform	4.269	83	280953	57.647	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	224094	56.594	ug/L	100
29) Cyclohexane	4.577	56	207909	50.426	ug/L	99
30) 1,1,1-Trichloroethane	4.507	97	253939	56.494	ug/L	99
31) Carbon tetrachloride	4.732	117	218014	54.782	ug/L	99
33) Benzene	5.005	78	550416	56.570	ug/L	100
34) Trichloroethene	5.831	95	150073	54.261	ug/L	97
35) Methylcyclohexane	6.047	83	221295	52.631	ug/L	98
37) 1,2-Dichloropropane	6.088	63	148648	58.353	ug/L	100
38) Bromodichloromethane	6.429	83	210017	58.612	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	245279	59.429	ug/L	96
40) 4-Methyl-2-pentanone	7.153	43	439331	116.960	ug/L	99
42) Toluene	7.310	91	588135	57.114	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	235940	59.439	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	152078	61.874	ug/L	98
46) Tetrachloroethene	7.902	164	111777	54.343	ug/L	97
48) 2-Hexanone	8.072	43	355723	118.846	ug/L	97
49) Dibromochloromethane	8.172	129	159547	61.512	ug/L	98
50) 1,2-Dibromoethane	8.278	107	154027	59.055	ug/L #	99
51) Chlorobenzene	8.812	112	384817	57.805	ug/L	100
52) Ethylbenzene	8.944	91	674182	58.429	ug/L	100
53) m,p-Xylene	9.069	106	255095	58.260	ug/L	98
54) o-Xylene	9.474	106	251140	58.574	ug/L	98
55) Styrene	9.493	104	436824	60.174	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	225932	61.201	ug/L	99
59) Bromoform	9.661	173	112464	60.168	ug/L	100
60) Isopropylbenzene	9.863	105	701645	58.846	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	188624	58.612	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	587488	58.410	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	587736	59.083	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	319444	57.945	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	323486	57.782	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	320713	58.056	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	52615	54.885	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	235528	56.950	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	202296	54.361	ug/L	99
71) Naphthalene	13.435	128	437966	43.997	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	193334	53.255	ug/L	100

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

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