

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110424\
 Data File : VX043680.D
 Acq On : 04 Nov 2024 13:57
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV635

Quant Time: Nov 05 03:37:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 05 03:28:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	353543	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	307838	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	142343	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	88839	47.168	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.340%
7) Chloroethane-d5	1.642	69	40413	49.918	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.840%
11) 1,1-Dichloroethene-d2	2.294	65	40347	46.404	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.800%
21) 2-Butanone-d5	4.458	46	116609	94.558	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.560%
24) Chloroform-d	5.050	84	193521	47.662	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.320%
26) 1,2-Dichloroethane-d4	5.952	65	118895	46.095	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.180%
32) Benzene-d6	5.970	84	374011	46.993	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.980%
36) 1,2-Dichloropropane-d6	7.305	67	112932	46.640	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.280%
41) Toluene-d8	8.647	98	335857	46.454	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.900%
43) trans-1,3-Dichloroprop...	8.945	79	54306	46.897	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.800%
47) 2-Hexanone-d5	9.384	63	91977	95.983	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.980%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	145952	46.979	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.960%
66) 1,2-Dichlorobenzene-d4	12.317	152	114349	46.365	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.740%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	115713	46.472	ug/L	100
3) Chloromethane	1.294	50	114834	47.455	ug/L	100
5) Vinyl chloride	1.374	62	109297	46.110	ug/L	99
6) Bromomethane	1.593	94	43563	47.427	ug/L	99
8) Chloroethane	1.666	64	45514	54.576	ug/L	100
9) Trichlorofluoromethane	1.867	101	143986	47.868	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	94224	45.609	ug/L	100
12) 1,1-Dichloroethene	2.306	96	88001	46.662	ug/L	95
13) Acetone	2.386	43	101894	88.839	ug/L	100
14) Carbon disulfide	2.501	76	190764	45.757	ug/L	100
15) Methyl Acetate	2.703	43	116932	48.214	ug/L	99
16) Methylene chloride	2.782	84	108903	47.796	ug/L	94
17) trans-1,2-Dichloroethene	3.087	96	95227	46.934	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	364561	47.266	ug/L	100
19) 1,1-Dichloroethane	3.605	63	190864	47.772	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	117515	46.632	ug/L	97
22) 2-Butanone	4.562	43	159351	96.032	ug/L	99
23) Bromochloromethane	4.897	128	59728	47.150	ug/L	98
25) Chloroform	5.086	83	204051	47.594	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	159606	48.179	ug/L	100
29) Cyclohexane	5.458	56	161455	45.201	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	174196	46.712	ug/L	100
31) Carbon tetrachloride	5.672	117	142380	46.539	ug/L	99
33) Benzene	6.031	78	417462	47.577	ug/L	100
34) Trichloroethene	7.116	95	108782	46.114	ug/L	96
35) Methylcyclohexane	7.373	83	159775	45.334	ug/L	98
37) 1,2-Dichloropropane	7.427	63	112249	48.025	ug/L	100
38) Bromodichloromethane	7.818	83	139970	47.083	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	178086	46.671	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	307872	96.776	ug/L	99
42) Toluene	8.714	91	433699	46.993	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	164524	47.286	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	114003	47.565	ug/L	97
46) Tetrachloroethene	9.275	164	79219	46.655	ug/L	94
48) 2-Hexanone	9.433	43	237738	99.974	ug/L	99
49) Dibromochloromethane	9.518	129	109770	49.137	ug/L	99
50) 1,2-Dibromoethane	9.610	107	119112	48.132	ug/L	99
51) Chlorobenzene	10.079	112	281927	46.742	ug/L	99
52) Ethylbenzene	10.189	91	469853	46.837	ug/L	99
53) m,p-Xylene	10.299	106	180684	46.659	ug/L	100
54) o-Xylene	10.640	106	181935	47.125	ug/L	99
55) Styrene	10.652	104	311384	48.486	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	169679	47.269	ug/L	99
59) Bromoform	10.799	173	70774	47.535	ug/L	96
60) Isopropylbenzene	10.963	105	467703	47.387	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	133539	48.332	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	391347	47.173	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	389882	47.200	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	207405	47.773	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	206553	47.237	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	210776	47.509	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	33232	48.033	ug/L	97
69) 1,3,5-Trichlorobenzene	13.109	180	132805	45.865	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	123458	46.501	ug/L	99
71) Naphthalene	13.774	128	476007	48.280	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	130226	47.460	ug/L	98

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

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