

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050124\
 Data File : VV035486.D
 Acq On : 01 May 2024 10:32
 Operator : SY/MD
 Sample : VSTD01048
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010248

Quant Time: May 02 00:46:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 00:45:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	1082215	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	1029317	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	509881	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	41592	4.817	ug/L	0.00
7) Chloroethane-d5	1.529	69	29750	5.773	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	17210	4.825	ug/L	0.00
21) 2-Butanone-d5	3.815	46	48813	10.276	ug/L	0.02
24) Chloroform-d	4.249	84	75278	5.068	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	43706	5.047	ug/L	0.00
32) Benzene-d6	4.960	84	140841	5.128	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	44585	5.230	ug/L	0.00
41) Toluene-d8	7.243	98	125252	5.049	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	20115	5.023	ug/L	0.00
47) 2-Hexanone-d5	8.034	63	34453	12.217	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	69739	5.649	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	50044	5.443	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	35761	4.579	ug/L	100
3) Chloromethane	1.214	50	38708	4.835	ug/L	97
5) Vinyl chloride	1.281	62	40684	4.816	ug/L	98
6) Bromomethane	1.484	94	25452	5.052	ug/L	99
8) Chloroethane	1.545	64	23774	6.058	ug/L	97
9) Trichlorofluoromethane	1.706	101	56484	4.946	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	34414	4.797	ug/L	98
12) 1,1-Dichloroethene	2.066	96	31511	4.938	ug/L	87
13) Acetone	2.127	43	55878	10.618	ug/L	99
14) Carbon disulfide	2.236	76	81154	4.637	ug/L	100
15) Methyl Acetate	2.378	43	43509	5.307	ug/L	98
16) Methylene chloride	2.445	84	41096	5.082	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	31971	4.679	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	109794	4.737	ug/L	100
19) 1,1-Dichloroethane	3.108	63	69066	4.863	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	37400	4.815	ug/L	99
22) 2-Butanone	3.896	43	47590	8.009	ug/L	98
23) Bromochloromethane	4.153	128	20646	4.770	ug/L	94
25) Chloroform	4.275	83	72507	4.933	ug/L	97
27) 1,2-Dichloroethane	5.043	62	51252	4.776	ug/L	98
29) Cyclohexane	4.574	56	41445	4.446	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	60968	5.212	ug/L	99
31) Carbon tetrachloride	4.731	117	52212	5.109	ug/L	98
33) Benzene	5.011	78	137386	4.984	ug/L	100
34) Trichloroethene	5.838	95	38113	5.138	ug/L	95
35) Methylcyclohexane	6.047	83	48951	4.589	ug/L	98
37) 1,2-Dichloropropane	6.092	63	37112	4.833	ug/L #	94
38) Bromodichloromethane	6.436	83	52402	5.045	ug/L #	96
39) cis-1,3-Dichloropropene	6.960	75	51405	4.453	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	94698	10.105	ug/L	96
42) Toluene	7.317	91	141782	4.929	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	52565	4.789	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	41657	5.160	ug/L	98
46) Tetrachloroethene	7.905	164	30203	5.180	ug/L	95
48) 2-Hexanone	8.082	43	74817	9.453	ug/L	96
49) Dibromochloromethane	8.175	129	43279	5.234	ug/L	99
50) 1,2-Dibromoethane	8.284	107	44299	5.391	ug/L	97
51) Chlorobenzene	8.812	112	104513	5.157	ug/L	99
52) Ethylbenzene	8.947	91	151422	4.826	ug/L	100
53) m,p-Xylene	9.072	106	52605	4.440	ug/L	97
54) o-Xylene	9.477	106	52208	4.481	ug/L	99
55) Styrene	9.497	104	87958	4.381	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	71156	5.364	ug/L	98
59) Bromoform	9.664	173	34147	5.492	ug/L	100
60) Isopropylbenzene	9.866	105	137551	4.685	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	55359	5.690	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	103424	4.391	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	100510	4.350	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	75917	5.021	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	83258	5.237	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	81128	5.227	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	15948	6.852	ug/L	87
69) 1,3,5-Trichlorobenzene	12.580	180	56594	5.195	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	45655	5.186	ug/L	99
71) Naphthalene	13.439	128	110288	5.408	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	47001	5.421	ug/L	98

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

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