

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037015.D
 Acq On : 26 Aug 2024 10:17
 Operator : SY/MD
 Sample : VSTD10068
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100268

Quant Time: Aug 27 01:04:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 01:02:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	651147	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	639743	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	335976	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	641325	107.669	ug/L	0.00
7) Chloroethane-d5	1.529	69	489738	106.384	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	265309	105.975	ug/L	0.00
21) 2-Butanone-d5	3.789	46	503862	230.191	ug/L	0.00
24) Chloroform-d	4.243	84	1026523	110.114	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	640699	109.135	ug/L	0.00
32) Benzene-d6	4.953	84	2087349	108.025	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	661496	109.300	ug/L	0.00
41) Toluene-d8	7.236	98	1902846	109.115	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	313670	112.026	ug/L	0.00
47) 2-Hexanone-d5	8.021	63	383928	240.617	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	800918	109.116	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	705216	104.804	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	622914	113.206	ug/L	100
3) Chloromethane	1.217	50	713105	115.236	ug/L	100
5) Vinyl chloride	1.281	62	667397	114.885	ug/L	99
6) Bromomethane	1.484	94	369676	113.566	ug/L	100
8) Chloroethane	1.545	64	414398	116.622	ug/L	98
9) Trichlorofluoromethane	1.712	101	858087	113.188	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	513341	113.846	ug/L	99
12) 1,1-Dichloroethene	2.066	96	477844	112.483	ug/L	88
13) Acetone	2.111	43	507160	210.098	ug/L	100
14) Carbon disulfide	2.236	76	1471885	114.131	ug/L	100
15) Methyl Acetate	2.368	43	484163	116.740	ug/L	98
16) Methylene chloride	2.442	84	542262	113.135	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	505397	114.600	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	1624192	117.077	ug/L	100
19) 1,1-Dichloroethane	3.105	63	1005083	114.760	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	567018	116.355	ug/L	100
22) 2-Butanone	3.870	43	617898	235.562	ug/L	99
23) Bromochloromethane	4.137	128	276932	115.766	ug/L	93
25) Chloroform	4.269	83	1008527	113.704	ug/L	100
27) 1,2-Dichloroethane	5.034	62	758042	117.141	ug/L	99
29) Cyclohexane	4.571	56	874182	116.217	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	848483	115.266	ug/L	99
31) Carbon tetrachloride	4.725	117	720286	115.962	ug/L	100
33) Benzene	5.002	78	2142766	116.060	ug/L	100
34) Trichloroethene	5.825	95	558145	114.537	ug/L	99
35) Methylcyclohexane	6.043	83	916694	116.797	ug/L	99
37) 1,2-Dichloropropane	6.088	63	576051	116.255	ug/L	99
38) Bromodichloromethane	6.426	83	744650	117.381	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	949669	123.205	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	1195810	244.582	ug/L	100
42) Toluene	7.310	91	2264893	117.823	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	851638	123.608	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.764	97	533773	115.847	ug/L	99
46) Tetrachloroethene	7.899	164	401597	114.859	ug/L	97
48) 2-Hexanone	8.072	43	897557	237.656	ug/L	98
49) Dibromochloromethane	8.172	129	548665	118.923	ug/L	100
50) 1,2-Dibromoethane	8.275	107	547022	117.325	ug/L	99
51) Chlorobenzene	8.809	112	1459819	114.710	ug/L	100
52) Ethylbenzene	8.940	91	2565611	118.160	ug/L	100
53) m,p-Xylene	9.066	106	965532	120.018	ug/L	100
54) o-Xylene	9.474	106	943014	119.719	ug/L	100
55) Styrene	9.490	104	1668924	122.883	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	803125	117.691	ug/L	99
59) Bromoform	9.661	173	373495	119.255	ug/L	100
60) Isopropylbenzene	9.860	105	2547215	116.946	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	602614	115.300	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	2135021	119.808	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	2156240	121.246	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	1144733	113.817	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	1169886	113.648	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	1134671	114.737	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	156705	120.227	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	809699	115.700	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	771028	117.003	ug/L	100
71) Naphthalene	13.432	128	2300525	120.898	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	756182	116.441	ug/L	99

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

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