Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102823\
Data File : VX038621.D
Acq On : 27 Oct 2023 23:32
Operator : JC/MD
Sample : VSTD20054
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD200654

Quant Time: Oct 28 02:25:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM102823WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 28 02:22:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	424673	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	417312	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	245782	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	585390	192.413	ug/L	0.00
7) Chloroethane-d5	1.654	69	447508	143.356	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.300	65	259384	198.085	ug/L	0.00
21) 2-Butanone-d5	4.452	46	954396	451.116	ug/L	0.00
24) Chloroform-d	5.056	84	1204673	216.086	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	735934	197.094	ug/L	0.00
32) Benzene-d6	5.976	84	2317255	197.250	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	689178	188.124	ug/L	0.00
41) Toluene-d8	8.653	98	2285784	201.209	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	373702	213.011	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	856382	505.405	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	1120457	224.865	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	998322	212.236	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	690075	218.123	ug/L	99
3) Chloromethane	1.294	50	545025	164.871	ug/L	100
5) Vinyl chloride	1.374	62	587242	166.472	ug/L	99
6) Bromomethane	1.599	94	377413	120.389	ug/L	97
8) Chloroethane	1.672	64	345857	142.629	ug/L	99
9) Trichlorofluoromethane	1.880	101	972710	171.252	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	587001	206.471	ug/L	100
12) 1,1-Dichloroethene	2.319	96	544895	202.453	ug/L	84
13) Acetone	2.380	43	588479	379.853	ug/L	100
14) Carbon disulfide	2.508	76	1544277	211.938	ug/L	99
15) Methyl Acetate	2.703	43	615193	198.244	ug/L	99
16) Methylene chloride	2.788	84	585562	201.479	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	572436	211.934	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	1770450	196.164	ug/L	100
19) 1,1-Dichloroethane	3.611	63	955286	187.201	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	663043	211.549	ug/L	98
22) 2-Butanone	4.556	43	939353	413.302	ug/L	98
23) Bromochloromethane	4.897	128	353905	225.021	ug/L	97
25) Chloroform	5.092	83	1096170	201.555	ug/L	99
27) 1,2-Dichloroethane	6.086	62	846879	198.453	ug/L	100
29) Cyclohexane	5.470	56	857533	184.018	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	1003647	206.321	ug/L	99
31) Carbon tetrachloride	5.678	117	916326	220.179	ug/L	100
33) Benzene	6.037	78	2253818	188.751	ug/L	100
34) Trichloroethene	7.123	95	681051	204.818	ug/L	98
35) Methylcyclohexane	7.379	83	991727	197.960	ug/L	100
37) 1,2-Dichloropropane	7.433	63	573338	178.279	ug/L	100
38) Bromodichloromethane	7.824	83	842416	205.837	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	973655	192.173	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	1777670	394.970	ug/L	99
42) Toluene	8.720	91	2558901	198.434	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	951985	203.396	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	650052	207.056	ug/L	98
46) Tetrachloroethene	9.275	164	560646	227.430	ug/L	98
48) 2-Hexanone	9.433	43	1418900	402.659	ug/L	99
49) Dibromochloromethane	9.525	129	746095	234.622	ug/L	99
50) 1,2-Dibromoethane	9.610	107	750302	220.386	ug/L	98
51) Chlorobenzene	10.079	112	1768058	209.643	ug/L	99
52) Ethylbenzene	10.195	91	2912017	203.515	ug/L	98
53) m,p-Xylene	10.299	106	1181093	214.933	ug/L	97
54) o-Xylene	10.640	106	1161059	215.160	ug/L	97
55) Styrene	10.659	104	2010121	222.381	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	1067566	215.658	ug/L	99
59) Bromoform	10.799	173	646286	241.870	ug/L	100
60) Isopropylbenzene	10.963	105	3043547	186.259	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	826966	185.856	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	2657512	195.109	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	2627778	194.004	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	1540696	208.625	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	1556197	208.162	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	1483136	203.376	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	277049	224.088	ug/L	96
69) 1,3,5-Trichlorobenzene	13.115	180	1108649	220.781	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	1056409	223.008	ug/L	99
71) Naphthalene	13.774	128	3190693	204.875	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	1025684	222.078	ug/L	99

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

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