Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111424\
Data File : VX043856.D
Acq On : 14 Nov 2024 16:30
Operator : JC/MD
Sample : VSTD20040
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD200640

Quant Time: Nov 15 02:08:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111424WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 15 02:05:35 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	230649	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	205825	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	106593	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	293440	204.892	ug/L	0.00
7) Chloroethane-d5	1.648	69	196261	207.155	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	141373	218.783	ug/L	0.00
21) 2-Butanone-d5	4.464	46	318106	417.673	ug/L	0.00
24) Chloroform-d	5.050	84	643790	211.277	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	396048	203.530	ug/L	0.00
32) Benzene-d6	5.970	84	1180306	206.115	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	339990	208.467	ug/L	0.00
41) Toluene-d8	8.646	98	1103079	203.719	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.945	79	185470	225.653	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	256883	426.348	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	461273	205.547	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	440458	198.074	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	339674	197.827	ug/L	98
3) Chloromethane	1.294	50	276733	199.787	ug/L	99
5) Vinyl chloride	1.373	62	298658	199.594	ug/L	97
6) Bromomethane	1.599	94	193508	197.022	ug/L	95
8) Chloroethane	1.666	64	158965	196.744	ug/L	96
9) Trichlorofluoromethane	1.867	101	526648	196.411	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	304090	201.059	ug/L	99
12) 1,1-Dichloroethene	2.306	96	280269	201.629	ug/L #	77
13) Acetone	2.385	43	327669	358.568	ug/L	99
14) Carbon disulfide	2.501	76	698356	238.187	ug/L	99
15) Methyl Acetate	2.702	43	254266	201.976	ug/L	98
16) Methylene chloride	2.782	84	301324	198.460	ug/L	100
17) trans-1,2-Dichloroethene	3.086	96	295144	210.648	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	999881	204.723	ug/L	99
19) 1,1-Dichloroethane	3.599	63	505125	204.465	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	344781	205.056	ug/L	96
22) 2-Butanone	4.562	43	383037	379.766	ug/L	99
23) Bromochloromethane	4.897	128	185212	204.972	ug/L	96
25) Chloroform	5.086	83	582237	203.406	ug/L	96
27) 1,2-Dichloroethane	6.080	62	440033	196.066	ug/L	99
29) Cyclohexane	5.464	56	430571	201.313	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	532513	207.603	ug/L	99
31) Carbon tetrachloride	5.671	117	477297	215.641	ug/L	99
33) Benzene	6.031	78	1117970	199.097	ug/L	100
34) Trichloroethene	7.116	95	326786	175.322	ug/L	97
35) Methylcyclohexane	7.378	83	470530	197.514	ug/L	98
37) 1,2-Dichloropropane	7.427	63	273079	199.324	ug/L	100
38) Bromodichloromethane	7.817	83	410274	215.884	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	507913	219.000	ug/L	97
40) 4-Methyl-2-pentanone	8.573	43	656920	401.990	ug/L	100
42) Toluene	8.713	91	1221939	199.411	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	474682	220.660	ug/L	99

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Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.152	97	305983	193.819	ug/L	98
46) Tetrachloroethene	9.268	164	255587	190.629	ug/L	98
48) 2-Hexanone	9.433	43	524874	394.959	ug/L	99
49) Dibromochloromethane	9.518	129	346537	223.194	ug/L	97
50) 1,2-Dibromoethane	9.610	107	337230	198.684	ug/L	97
51) Chlorobenzene	10.079	112	825234	197.120	ug/L	98
52) Ethylbenzene	10.195	91	1360431	202.940	ug/L	100
53) m,p-Xylene	10.299	106	544304	201.976	ug/L	94
54) o-Xylene	10.640	106	530484	197.714	ug/L	100
55) Styrene	10.652	104	905326	207.308	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	442603	194.387	ug/L	99
59) Bromoform	10.798	173	254385	230.451	ug/L	97
60) Isopropylbenzene	10.963	105	1392700	194.241	ug/L	99
61) 1,2,3-Trichloropropane	11.237	75	338765	186.314	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	1200490	198.826	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	1207170	200.836	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	678506	199.194	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	675228	198.476	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	667799	192.269	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.938	75	102846	234.053	ug/L	99
69) 1,3,5-Trichlorobenzene	13.109	180	476104	208.561	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	445520	218.106	ug/L	100
71) Naphthalene	13.774	128	1502376	209.355	ug/L	98
72) 1,2,3-Trichlorobenzene	13.956	180	443835	211.629	ug/L	98

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

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