Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102821\
Data File : VX024996.D
Acq On : 28 Oct 2021 10:27
Operator : JC/MD
Sample : VSTD00523
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD005623

Manual Integrations APPROVED
MMDadoda
11/1/2021 12:57:48 PM

Quant Time: Oct 28 11:50:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM102821WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 28 11:48:39 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	6.763	114	167795	50.000	ug/L	#	0.00
28) Chlorobenzene-d5	10.055	117	153148	50.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	71903	50.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.368	65	4108	5.549	ug/L		0.00
7) Chloroethane-d5	1.673	69	3364	6.693	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.307	63	10837	4.971	ug/L		0.00
21) 2-Butanone-d5	4.483	46	9235m	12.804	ug/L		0.01
24) Chloroform-d	5.068	84	11524m	4.172	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.964	65	8485	4.720	ug/L		0.00
32) Benzene-d6	5.977	84	17635	4.248	ug/L		0.00
36) 1,2-Dichloropropane-d6	7.312	67	5798	4.475	ug/L		0.00
41) Toluene-d8	8.647	98	17634	4.242	ug/L		0.00
43) trans-1,3-Dichloroprop...	8.952	79	3343	4.140	ug/L		0.00
47) 2-Hexanone-d5	9.385	63	5752	9.355	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	7699	4.031	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	5687	3.838	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.167	85	7290	4.749	ug/L		100
3) Chloromethane	1.288	50	5125	8.823	ug/L	#	76
5) Vinyl chloride	1.374	62	5495	7.426	ug/L		99
6) Bromomethane	1.618	94	3474	6.214	ug/L		89
8) Chloroethane	1.697	64	2787	6.857	ug/L		100
9) Trichlorofluoromethane	1.892	101	11696	5.117	ug/L		98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	5453	4.538	ug/L		97
12) 1,1-Dichloroethene	2.319	96	4374	4.483	ug/L	#	50
13) Acetone	2.392	43	10435	18.439	ug/L		66
14) Carbon disulfide	2.514	76	11305	4.550	ug/L		100
15) Methyl Acetate	2.709	43	6052	6.697	ug/L	#	78
16) Methylene chloride	2.788	84	5210	4.739	ug/L	#	68
17) trans-1,2-Dichloroethene	3.093	96	4298	4.136	ug/L		78
18) Methyl tert-butyl Ether	3.117	73	18347	4.550	ug/L	#	85
19) 1,1-Dichloroethane	3.611	63	10712	5.312	ug/L	#	89
20) cis-1,2-Dichloroethene	4.489	96	4688	3.883	ug/L	#	80
22) 2-Butanone	4.574	43	11949m	16.832	ug/L		
23) Bromochloromethane	4.904	128	2314	3.574	ug/L	#	54
25) Chloroform	5.093	83	11721m	4.539	ug/L		
27) 1,2-Dichloroethane	6.086	62	10460	5.124	ug/L		98
29) Cyclohexane	5.477	56	8553	5.667	ug/L	#	50
30) 1,1,1-Trichloroethane	5.391	97	11547	4.460	ug/L	#	65
31) Carbon tetrachloride	5.678	117	8943	3.927	ug/L		92
33) Benzene	6.038	78	19393	4.550	ug/L		100
34) Trichloroethene	7.129	95	6030	4.416	ug/L		86
35) Methylcyclohexane	7.373	83	8457	4.567	ug/L	#	80
37) 1,2-Dichloropropane	7.434	63	5779	5.361	ug/L	#	92
38) Bromodichloromethane	7.824	83	8319	4.414	ug/L	#	73
39) cis-1,3-Dichloropropene	8.366	75	8506	4.462	ug/L		90
40) 4-Methyl-2-pentanone	8.580	43	16861	12.824	ug/L	#	81
42) Toluene	8.720	91	20174	4.134	ug/L		95
44) trans-1,3-Dichloropropene	8.982	75	7990	3.962	ug/L		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45)	1,1,2-Trichloroethane	9.159	97	5215	4.336	ug/L	#	83
46)	Tetrachloroethene	9.281	164	3593	3.815	ug/L		87
48)	2-Hexanone	9.433	43	14199	13.733	ug/L	#	79
49)	Dibromochloromethane	9.525	129	5095	3.428	ug/L		94
50)	1,2-Dibromoethane	9.610	107	5451	3.965	ug/L	#	95
51)	Chlorobenzene	10.080	112	12702	4.124	ug/L		89
52)	Ethylbenzene	10.195	91	23438	4.151	ug/L		98
53)	m,p-Xylene	10.305	106	8108	4.008	ug/L		79
54)	o-Xylene	10.640	106	7578	3.834	ug/L		89
55)	Styrene	10.659	104	12569	3.830	ug/L		94
57)	1,1,2,2-Tetrachloroethane	11.213	83	8267	4.404	ug/L	#	93
59)	Bromoform	10.805	173	2894	3.230	ug/L	#	95
60)	Isopropylbenzene	10.964	105	20843	3.859	ug/L		96
61)	1,2,3-Trichloropropane	11.244	75	7671	4.908	ug/L		93
62)	1,3,5-Trimethylbenzene	11.451	105	18119	3.842	ug/L		100
63)	1,2,4-Trimethylbenzene	11.756	105	18696	3.978	ug/L		99
64)	1,3-Dichlorobenzene	11.969	146	8198	3.700	ug/L		93
65)	1,4-Dichlorobenzene	12.043	146	9189	4.110	ug/L		94
67)	1,2-Dichlorobenzene	12.341	146	8369	3.753	ug/L	#	90
68)	1,2-Dibromo-3-chloropr...	12.951	75	2341	4.647	ug/L	#	69
69)	1,3,5-Trichlorobenzene	13.116	180	5934	3.831	ug/L		99
70)	1,2,4-trichlorobenzene	13.591	180	4579	3.484	ug/L		97
71)	Naphthalene	13.780	128	12508	2.758	ug/L	#	95
72)	1,2,3-Trichlorobenzene	13.963	180	4767	3.526	ug/L		96

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

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