Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032522\
Data File : VX027695.D
Acq On : 25 Mar 2022 11:40
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 25 13:57:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 25 13:56:08 2022
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	67211	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	116906	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	98981	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount 50.000	Range 61 - 141		Recovery =	0.000%#		
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount 50.000	Range 69 - 133		Recovery =	0.000%#		
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount 50.000	Range 65 - 126		Recovery =	0.000%#		
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount 50.000	Range 58 - 135		Recovery =	0.000%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	694	1.039	ug/l	81
3) Chloromethane	1.294	50	947	1.580	ug/l #	83
4) Vinyl Chloride	1.374	62	762	1.132	ug/l	100
6) Chloroethane	1.685	64	601	1.476	ug/l	94
7) Trichlorofluoromethane	1.886	101	1201	1.109	ug/l #	66
8) Diethyl Ether	2.130	74	427	1.064	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	891	1.362	ug/l	88
12) 1,1-Dichloroethene	2.319	96	734	1.166	ug/l #	87
14) Allyl chloride	2.672	41	1252	1.210	ug/l #	88
15) Acrylonitrile	3.068	53	2541	6.680	ug/l	93
16) Acetone	2.386	43	2385	6.828	ug/l	96
17) Carbon Disulfide	2.508	76	2008	1.247	ug/l #	88
18) Methyl Acetate	2.703	43	1174	1.345	ug/l #	79
19) Methyl tert-butyl Ether	3.123	73	2351	1.080	ug/l	95
20) Methylene Chloride	2.788	84	876	1.182	ug/l #	52
21) trans-1,2-Dichloroethene	3.087	96	949	1.412	ug/l #	78
22) Diisopropyl ether	3.770	45	2874	1.435	ug/l	91
23) Vinyl Acetate	3.733	43	11951	6.825	ug/l #	84
24) 1,1-Dichloroethane	3.617	63	1598	1.323	ug/l #	81
25) 2-Butanone	4.574	43	3734	6.993	ug/l #	74
26) 2,2-Dichloropropane	4.483	77	1111	1.160	ug/l #	62
27) cis-1,2-Dichloroethene	4.495	96	812	1.042	ug/l	64
28) Bromochloromethane	4.916	49	690	1.429	ug/l #	64
29) Tetrahydrofuran	5.013	42	2620	7.865	ug/l #	81
30) Chloroform	5.093	83	1578	1.219	ug/l #	72
32) 1,1,1-Trichloroethane	5.391	97	1477	1.264	ug/l #	50
36) 1,1-Dichloropropene	5.696	75	1304	1.265	ug/l #	85
37) Ethyl Acetate	4.721	43	1441	1.356	ug/l #	68
38) Carbon Tetrachloride	5.690	117	1200	1.043	ug/l #	88
39) Methylcyclohexane	7.373	83	1223	0.943	ug/l #	86
40) Benzene	6.050	78	3309	1.110	ug/l	93
41) Methacrylonitrile	4.934	41	866m	1.492	ug/l	
42) 1,2-Dichloroethane	6.086	62	1566	1.368	ug/l #	73
43) Isopropyl Acetate	6.361	43	1892	1.094	ug/l #	84
44) Trichloroethene	7.147	130	993	1.137	ug/l	44
45) 1,2-Dichloropropane	7.440	63	802	1.050	ug/l	95

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Quant Title : SW846 8260
QLast Update : Fri Mar 25 13:56:08 2022
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 03/26/2022
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.598	93	518	0.896	ug/l		91
47) Bromodichloromethane	7.830	83	1075	0.983	ug/l	#	96
48) Methyl methacrylate	7.702	41	754	0.882	ug/l	#	76
49) 1,4-Dioxane	7.684	88	440	21.387	ug/l		91
51) 4-Methyl-2-Pentanone	8.580	43	5938	5.392	ug/l		90
52) Toluene	8.720	92	2089	1.074	ug/l		86
53) t-1,3-Dichloropropene	8.982	75	880	0.793	ug/l		95
54) cis-1,3-Dichloropropene	8.372	75	1149	0.944	ug/l	#	86
55) 1,1,2-Trichloroethane	9.153	97	849	1.078	ug/l	#	86
56) Ethyl methacrylate	9.122	69	1135	0.939	ug/l	#	70
57) 1,3-Dichloropropane	9.311	76	1565	1.193	ug/l		97
58) 2-Chloroethyl Vinyl ether	8.250	63	3028	5.219	ug/l		91
59) 2-Hexanone	9.433	43	5211	6.152	ug/l		84
60) Dibromochloromethane	9.525	129	700	0.819	ug/l		95
61) 1,2-Dibromoethane	9.616	107	901	1.042	ug/l	#	80
64) Tetrachloroethene	9.275	164	933	1.244	ug/l	#	79
65) Chlorobenzene	10.079	112	2130	1.060	ug/l	#	77
66) 1,1,1,2-Tetrachloroethane	10.159	131	696	0.939	ug/l	#	65
67) Ethyl Benzene	10.195	91	3750	1.068	ug/l	#	84
68) m/p-Xylenes	10.305	106	2615	1.912	ug/l		79
69) o-Xylene	10.646	106	1453	1.096	ug/l		88
70) Styrene	10.659	104	1937	0.894	ug/l	#	86
71) Bromoform	10.805	173	406	0.694	ug/l	#	92
73) Isopropylbenzene	10.963	105	3199	1.060	ug/l		95
74) N-amyl acetate	10.841	43	1492	1.309	ug/l	#	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	1204	1.238	ug/l		98
76) 1,2,3-Trichloropropane	11.244	75	1118m	1.254	ug/l		
77) Bromobenzene	11.201	156	813	1.104	ug/l		72
78) n-propylbenzene	11.305	91	3760	1.120	ug/l		96
79) 2-Chlorotoluene	11.366	91	2652	1.263	ug/l		87
80) 1,3,5-Trimethylbenzene	11.451	105	2769	1.089	ug/l		91
82) 4-Chlorotoluene	11.457	91	2888	1.203	ug/l		87
83) tert-Butylbenzene	11.719	119	2631	1.058	ug/l		78
84) 1,2,4-Trimethylbenzene	11.756	105	2995	1.178	ug/l		87
85) sec-Butylbenzene	11.890	105	3333	1.096	ug/l		98
86) p-Isopropyltoluene	12.012	119	2383	0.922	ug/l	#	75
87) 1,3-Dichlorobenzene	11.969	146	1295	0.942	ug/l		91
88) 1,4-Dichlorobenzene	12.042	146	1556m	1.117	ug/l		
89) n-Butylbenzene	12.335	91	2274	1.036	ug/l		92
90) Hexachloroethane	12.536	117	397	0.968	ug/l		86
91) 1,2-Dichlorobenzene	12.335	146	1383	1.027	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	313	1.392	ug/l	#	47
93) 1,2,4-Trichlorobenzene	13.597	180	688	0.795	ug/l		93
94) Hexachlorobutadiene	13.725	225	398	1.035	ug/l		87
95) Naphthalene	13.780	128	2670	0.939	ug/l		97
96) 1,2,3-Trichlorobenzene	13.963	180	740	0.849	ug/l		98

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

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