Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090922\
Data File : VX031255.D
Acq On : 09 Sep 2022 14:33
Operator : JC/MD
Sample : VX0909WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 12 00:50:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 07 23:22:41 2022
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0909WBS02

Manual Integrations APPROVED
Reviewed By :John Carlone
09/12/2022
Supervised By :Mahesh Dadoda
09/12/2022

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	5.562	168	33925	50.000 ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	58052	50.000 ug/l	0.00
63) Chlorobenzene-d5	10.055	117	60867	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	37573	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	5.958	65	50974	63.464 ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 126.920%#		
35) Dibromofluoromethane	5.397	113	33766	53.376 ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.760%		
50) Toluene-d8	8.653	98	113103	49.209 ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.420%		
62) 4-Bromofluorobenzene	11.079	95	45448	53.957 ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.920%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.167	85	11482	21.061 ug/l	99
3) Chloromethane	1.288	50	7243	17.289 ug/l	89
4) Vinyl Chloride	1.374	62	9982	20.184 ug/l	92
5) Bromomethane	1.605	94	7651	24.214 ug/l	83
6) Chloroethane	1.685	64	6589	23.750 ug/l	95
7) Trichlorofluoromethane	1.886	101	26326	24.429 ug/l	99
8) Diethyl Ether	2.136	74	7353	24.023 ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.331	101	11423	18.745 ug/l	94
10) Methyl Iodide	2.453	142	12296	16.318 ug/l #	72
11) Tert butyl alcohol	2.983	59	17986	110.250 ug/l	95
12) 1,1-Dichloroethene	2.319	96	10347	18.065 ug/l	83
13) Acrolein	2.240	56	12095	108.428 ug/l	93
14) Allyl chloride	2.666	41	13401	17.416 ug/l #	59
15) Acrylonitrile	3.069	53	27974	91.467 ug/l	94
16) Acetone	2.386	43	29256	105.198 ug/l #	87
17) Carbon Disulfide	2.514	76	25906	18.396 ug/l	97
18) Methyl Acetate	2.703	43	13675	18.994 ug/l #	84
19) Methyl tert-butyl Ether	3.117	73	44162	21.708 ug/l #	84
20) Methylene Chloride	2.788	84	12895	19.728 ug/l #	82
21) trans-1,2-Dichloroethene	3.093	96	11674	18.395 ug/l	86
22) Diisopropyl ether	3.764	45	26122	16.167 ug/l #	87
23) Vinyl Acetate	3.727	43	122337	90.205 ug/l #	85
24) 1,1-Dichloroethane	3.611	63	20557	19.181 ug/l	96
25) 2-Butanone	4.562	43	39309	95.425 ug/l #	80
26) 2,2-Dichloropropane	4.477	77	21732	22.661 ug/l	86
27) cis-1,2-Dichloroethene	4.489	96	12916	17.726 ug/l	88
28) Bromochloromethane	4.904	49	7440	19.145 ug/l #	67
29) Tetrahydrofuran	5.019	42	19730	81.124 ug/l #	64
30) Chloroform	5.099	83	26387	20.815 ug/l	98
31) Cyclohexane	5.477	56	15225	16.963 ug/l #	76
32) 1,1,1-Trichloroethane	5.391	97	27069	23.691 ug/l	98
36) 1,1-Dichloropropene	5.696	75	17503	18.475 ug/l	95
37) Ethyl Acetate	4.721	43	14034	16.698 ug/l #	93
38) Carbon Tetrachloride	5.678	117	23156	23.231 ug/l #	91
39) Methylcyclohexane	7.385	83	19000	17.560 ug/l	92
40) Benzene	6.038	78	45084	17.518 ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	6804	15.482	ug/l	#	75
42) 1,2-Dichloroethane	6.092	62	24453	23.207	ug/l		90
43) Isopropyl Acetate	6.349	43	23310	17.591	ug/l	#	93
44) Trichloroethene	7.129	130	13931	19.257	ug/l		96
45) 1,2-Dichloropropane	7.434	63	9836	15.552	ug/l	#	86
46) Dibromomethane	7.592	93	9580	19.102	ug/l		93
47) Bromodichloromethane	7.824	83	21533	22.072	ug/l		89
48) Methyl methacrylate	7.696	41	11652	18.058	ug/l	#	80
49) 1,4-Dioxane	7.684	88	6692	375.678	ug/l		90
51) 4-Methyl-2-Pentanone	8.574	43	74464	91.770	ug/l		92
52) Toluene	8.720	92	29960	17.650	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	20439	20.111	ug/l		92
54) cis-1,3-Dichloropropene	8.366	75	20870	19.127	ug/l		91
55) 1,1,2-Trichloroethane	9.153	97	12809	18.354	ug/l		92
56) Ethyl methacrylate	9.116	69	18497	17.990	ug/l	#	88
57) 1,3-Dichloropropane	9.311	76	20245	16.789	ug/l		96
58) 2-Chloroethyl Vinyl ether	8.245	63	41472	85.583	ug/l	#	86
59) 2-Hexanone	9.433	43	57766	94.140	ug/l		98
60) Dibromochloromethane	9.525	129	14393	20.004	ug/l		94
61) 1,2-Dibromoethane	9.610	107	13493	17.398	ug/l		100
64) Tetrachloroethene	9.275	164	10947	17.276	ug/l		94
65) Chlorobenzene	10.080	112	31839	17.766	ug/l		95
66) 1,1,1,2-Tetrachloroethane	10.165	131	13888	19.840	ug/l		94
67) Ethyl Benzene	10.195	91	62774	19.329	ug/l		99
68) m/p-Xylenes	10.305	106	45499	37.794	ug/l		81
69) o-Xylene	10.647	106	22918	19.074	ug/l		85
70) Styrene	10.659	104	37478	19.452	ug/l	#	88
71) Bromoform	10.805	173	10721	22.987	ug/l	#	97
73) Isopropylbenzene	10.964	105	63200	19.370	ug/l		95
74) N-amyl acetate	10.842	43	19101	18.389	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	11.214	83	18188	17.858	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	18589m	18.128	ug/l		
77) Bromobenzene	11.201	156	13549	19.107	ug/l		95
78) n-propylbenzene	11.305	91	72524	19.500	ug/l		98
79) 2-Chlorotoluene	11.366	91	45340	19.678	ug/l		89
80) 1,3,5-Trimethylbenzene	11.451	105	54644	19.922	ug/l		93
81) trans-1,4-Dichloro-2-b...	11.025	75	5743	18.061	ug/l	#	78
82) 4-Chlorotoluene	11.457	91	52667	19.756	ug/l		88
83) tert-Butylbenzene	11.713	119	52967	19.589	ug/l		89
84) 1,2,4-Trimethylbenzene	11.750	105	54038	20.265	ug/l		92
85) sec-Butylbenzene	11.890	105	62716	18.728	ug/l		99
86) p-Isopropyltoluene	12.012	119	52938	19.567	ug/l		90
87) 1,3-Dichlorobenzene	11.969	146	25881	19.638	ug/l		95
88) 1,4-Dichlorobenzene	12.043	146	25673	18.942	ug/l		95
89) n-Butylbenzene	12.335	91	46924	20.116	ug/l		97
90) Hexachloroethane	12.543	117	9669	20.800	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	26594	20.577	ug/l		94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5892	21.064	ug/l		79
93) 1,2,4-Trichlorobenzene	13.591	180	14532	19.228	ug/l		94
94) Hexachlorobutadiene	13.725	225	6248	19.468	ug/l		98
95) Naphthalene	13.774	128	58095	19.622	ug/l		98
96) 1,2,3-Trichlorobenzene	13.963	180	14235	18.500	ug/l		91

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

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

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