Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
Data File : VX031303.D
Acq On : 14 Sep 2022 12:18
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 15 01:24:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 01:23:56 2022
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.555	168	49809	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.763	114	85571	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.055	117	92980	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54830	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 74 - 125		Recovery =	0.000%#			
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l		
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.000%#			
50) Toluene-d8	0.000	98	0d	0.000	ug/l		
Spiked Amount 50.000	Range 86 - 113		Recovery =	0.000%#			
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l		
Spiked Amount 50.000	Range 83 - 123		Recovery =	0.000%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.166	85	565	1.051	ug/l		93
3) Chloromethane	1.288	50	1099	1.336	ug/l	#	79
4) Vinyl Chloride	1.367	62	888	1.020	ug/l	#	87
6) Chloroethane	1.684	64	934	1.268	ug/l	#	85
7) Trichlorofluoromethane	1.885	101	1694	1.062	ug/l		90
8) Diethyl Ether	2.135	74	892	1.287	ug/l		96
9) 1,1,2-Trichlorotrifluo...	2.330	101	823	1.091	ug/l	#	85
12) 1,1-Dichloroethene	2.312	96	815	1.172	ug/l	#	74
14) Allyl chloride	2.666	41	1775	1.155	ug/l	#	77
15) Acrylonitrile	3.074	53	3227	5.723	ug/l		96
16) Acetone	2.391	43	3232	6.192	ug/l		89
17) Carbon Disulfide	2.507	76	1638	1.078	ug/l	#	92
18) Methyl Acetate	2.708	43	1707	1.103	ug/l		98
19) Methyl tert-butyl Ether	3.111	73	3821	1.187	ug/l		100
20) Methylene Chloride	2.794	84	1561	1.557	ug/l		96
21) trans-1,2-Dichloroethene	3.086	96	1158	1.334	ug/l		89
22) Diisopropyl ether	3.763	45	3539	1.101	ug/l	#	89
23) Vinyl Acetate	3.727	43	14149	5.296	ug/l		99
24) 1,1-Dichloroethane	3.611	63	1811	1.073	ug/l	#	89
25) 2-Butanone	4.580	43	5168	6.003	ug/l		93
26) 2,2-Dichloropropane	4.470	77	1793	1.120	ug/l		88
27) cis-1,2-Dichloroethene	4.501	96	1218	1.192	ug/l		85
28) Bromochloromethane	4.891	49	851	1.082	ug/l	#	87
29) Tetrahydrofuran	5.013	42	3297	6.182	ug/l		92
30) Chloroform	5.104	83	1977	1.107	ug/l		97
32) 1,1,1-Trichloroethane	5.379	97	1772	1.107	ug/l	#	49
36) 1,1-Dichloropropene	5.696	75	1427	1.133	ug/l	#	61
37) Ethyl Acetate	4.726	43	1862	1.125	ug/l	#	90
38) Carbon Tetrachloride	5.671	117	1406	1.027	ug/l	#	79
39) Methylcyclohexane	7.378	83	1355	0.977	ug/l		92
40) Benzene	6.037	78	3704	1.025	ug/l	#	87
41) Methacrylonitrile	4.934	41	1085	1.211	ug/l	#	63
42) 1,2-Dichloroethane	6.092	62	1385	0.950	ug/l		79
43) Isopropyl Acetate	6.348	43	3223	1.141	ug/l		95
44) Trichloroethene	7.128	130	998	1.083	ug/l		71
45) 1,2-Dichloropropane	7.433	63	1016	1.027	ug/l		100

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ALS Vial : 2 Sample Multiplier: 1

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Quant Title : SW846 8260
QLast Update : Thu Sep 15 01:23:56 2022
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 09/15/2022
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.592	93	738	1.051	ug/l		92
47) Bromodichloromethane	7.823	83	1514	1.037	ug/l		89
48) Methyl methacrylate	7.701	41	1453	1.130	ug/l		91
49) 1,4-Dioxane	7.701	88	550	23.413	ug/l	#	59
51) 4-Methyl-2-Pentanone	8.573	43	9120	5.313	ug/l		100
52) Toluene	8.720	92	2290	1.001	ug/l		92
53) t-1,3-Dichloropropene	8.982	75	1615	0.983	ug/l		92
54) cis-1,3-Dichloropropene	8.372	75	1833	1.086	ug/l		96
55) 1,1,2-Trichloroethane	9.152	97	1062	1.052	ug/l	#	94
56) Ethyl methacrylate	9.116	69	1607	0.983	ug/l	#	85
57) 1,3-Dichloropropane	9.311	76	1796	1.035	ug/l		96
58) 2-Chloroethyl Vinyl ether	8.244	63	3662	4.809	ug/l	#	88
59) 2-Hexanone	9.433	43	7082	5.405	ug/l		94
60) Dibromochloromethane	9.524	129	1047	0.962	ug/l		97
61) 1,2-Dibromoethane	9.616	107	988	0.954	ug/l		98
64) Tetrachloroethene	9.274	164	889	1.046	ug/l	#	82
65) Chlorobenzene	10.079	112	2509	1.019	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.164	131	908	0.936	ug/l	#	48
67) Ethyl Benzene	10.195	91	4223	0.947	ug/l		98
68) m/p-Xylenes	10.305	106	3079	1.818	ug/l		88
69) o-Xylene	10.640	106	1716	0.998	ug/l		99
70) Styrene	10.658	104	2547	0.911	ug/l		95
71) Bromoform	10.798	173	743	0.962	ug/l	#	92
73) Isopropylbenzene	10.963	105	4203	1.038	ug/l		98
74) N-amyl acetate	10.841	43	2229	1.107	ug/l		95
75) 1,1,2,2-Tetrachloroethane	11.213	83	1655	1.137	ug/l		99
76) 1,2,3-Trichloropropane	11.243	75	1379m	0.914	ug/l		
77) Bromobenzene	11.201	156	953	1.032	ug/l		86
78) n-propylbenzene	11.304	91	4935	1.038	ug/l		93
79) 2-Chlorotoluene	11.365	91	3262	1.122	ug/l		91
80) 1,3,5-Trimethylbenzene	11.451	105	3369	0.993	ug/l		97
82) 4-Chlorotoluene	11.457	91	3427	1.028	ug/l		98
83) tert-Butylbenzene	11.713	119	3464	1.020	ug/l		94
84) 1,2,4-Trimethylbenzene	11.749	105	3366	0.998	ug/l		97
85) sec-Butylbenzene	11.890	105	4231	0.995	ug/l		97
86) p-Isopropyltoluene	12.012	119	3292	0.950	ug/l		88
87) 1,3-Dichlorobenzene	11.969	146	1761	1.000	ug/l		92
88) 1,4-Dichlorobenzene	12.042	146	1838m	1.016	ug/l		
89) n-Butylbenzene	12.335	91	2929	0.954	ug/l		93
90) Hexachloroethane	12.536	117	709	1.025	ug/l		79
91) 1,2-Dichlorobenzene	12.335	146	1834	1.023	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	12.944	75	518	1.346	ug/l		60
93) 1,2,4-Trichlorobenzene	13.591	180	861	0.887	ug/l		85
94) Hexachlorobutadiene	13.725	225	386	1.019	ug/l		92
95) Naphthalene	13.780	128	4027	1.021	ug/l		98
96) 1,2,3-Trichlorobenzene	13.963	180	1116	1.074	ug/l		85

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

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Instrument :
MSVOA_X
ClientSampleId :
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